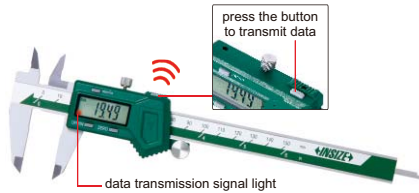
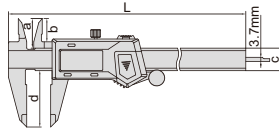


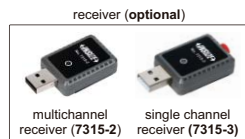
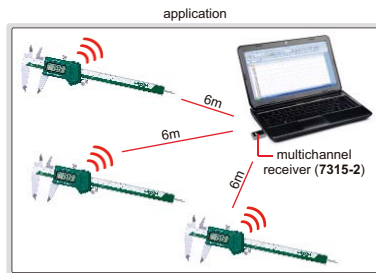
DIGITAL CALIPERS



1113-150

ATTENTION: THE WORKING LIFE OF A BATTERY IS ABOUT 3-5 MONTHS

- Built-in wireless data transmission module, Zigbee signal
- Transmission distance is 6 meter (under the condition of no obstruction and no electromagnetic interference)
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, data transmission
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: receiver (code 7315-2, 7315-3)



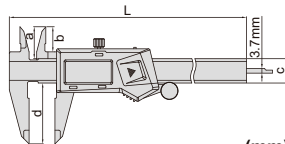
Code	Range	Accuracy	L	a	b	c	d	List Price (₹)	Promotion Price (₹)
1113-150*	0-150mm/0-6"	±0.03mm	236	21	16	16	40	5267	4883
1113-200*	0-200mm/0-8"	±0.03mm	286	24	19	16	50	6235	5780
1113-300*	0-300mm/0-12"	±0.03mm	400	25	20.5	16	60	8877	8228

*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL CALIPERS (STANDARD TYPE)



1108-150



(mm)

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output, meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)

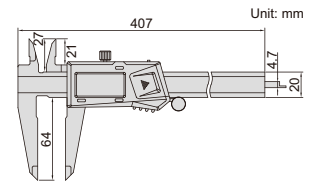
Code	Range	Accuracy	L	a	b	c	d	List Price (₹)	Promotion Price (₹)
1108-150*	0-150mm/0-6"	±0.02mm	236	21	16	16	40	2376	1938
1108-200*	0-200mm/0-8"	±0.03mm	286	24	19	16	50	3272	2925
1108-300*	0-300mm/0-12"	±0.03mm	400	25	20.5	16	60	5741	5252

*Supplied with manufacturer inspection certificate traceable to DKD Germany

HEAVY DUTY 300mm DIGITAL CALIPER



1196-300



- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output, meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-22, 7302-22)

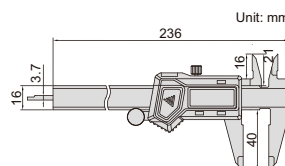
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1196-300*	0-300mm/0-12"	±0.03mm	7069	6781

*Supplied with manufacturer inspection certificate traceable to DKD Germany

LEFT HAND DIGITAL CALIPERS



1130-150



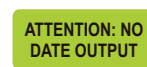
(mm)

- Designed for left handed users
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-22, 7302-22)

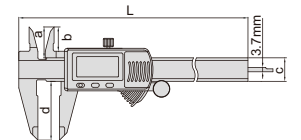
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1130-150*	0-150mm/0-6"	±0.03mm	7075	6368

*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL CALIPERS (BASIC TYPE)



1112-150



(mm)

- Resolution: 0.01mm/0.0005"
- Buttons: zero, on/off, mm/inch
- Battery LR44
- Meet DIN862
- Made of stainless steel

Code	Range	Accuracy	L	a	b	c	d	List Price (₹)	Promotion Price (₹)
1112-150	0-150mm/0-6"	±0.03mm	236	21	16	16	40	2111	1720
1112-200	0-200mm/0-8"	±0.03mm	286	24	19	16	50	2954	2610
1112-300	0-300mm/0-12"	±0.03mm	400	25	20.5	17	60	5447	4799

DIGITAL CALIPERS WITH CARBIDE TIPPED JAWS

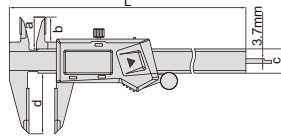


DATA OUTPUT



1110-150B

- Accuracy: $\pm 0.03\text{mm}$
- Resolution: $0.01\text{mm}/0.0005''$
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



Carbide tipped lower jaws (mm)

Code	Range	L	a	b	c	d	List Price (₹)	Promotion Price (₹)
1110-150B*	0-150mm/0-6"	236	21	16	16	40	5585	5412
1110-200B*	0-200mm/0-8"	286	24	19	16	50	6908	6694
1110-300B*	0-300mm/0-12"	400	25	20.5	16	60	10508	10182

*Supplied with manufacturer inspection certificate traceable to DKD Germany

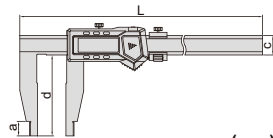
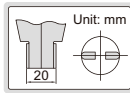
DIGITAL CALIPERS

DATA OUTPUT



1106-501

- Resolution: $0.01\text{mm}/0.0005''$
- Button function: on/off, zero, mm/inch, ABS, data preset
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-22, 7302-22)



Code	Range	Accuracy	a	c	d	L	List Price (₹)	Promotion Price (₹)
1106-501	0-500mm/0-20"	$\pm 0.05\text{mm}$	18	24	100	675	13545	11109
1106-601	0-600mm/0-24"	$\pm 0.05\text{mm}$	18	24	100	770	17213	12705
1106-1002	0-1000mm/0-40"	$\pm 0.08\text{mm}$	24	31	150	1220	37680	31870

DIGITAL CALIPERS

DATA OUTPUT



1136-501

- Resolution: $0.01\text{mm}/0.0005''$
- Button function: on/off, zero, mm/inch, ABS, data preset
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-22, 7302-22)

Code	Range	Accuracy	L	List Price (₹)	Promotion Price (₹)
1136-501	0-500mm/0-20"	$\pm 0.05\text{mm}$	675	16229	14982
1136-601	0-600mm/0-24"	$\pm 0.05\text{mm}$	770	21190	16866

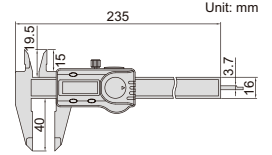
PLASTIC DIGITAL CALIPER

ATTENTION: NO DATE OUTPUT



1139-150

- Made of hard plastic, non-magnetic and non electric conductive
- Prevent workpieces from scratching by calipers
- Resolution: $0.01\text{mm}/0.0005''$
- Buttons: on/off, zero, mm/inch
- Battery CR2032, automatic power off



Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1139-150	0-150mm/0-6"	$\pm 0.1\text{mm}$	836	811

DIAL CALIPERS

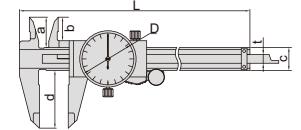


SHOCK PROOF



1312-150A

- Accuracy: $\pm 0.03\text{mm}$
- Shockproof dial indicator
- Made of stainless steel



Dial indicator graduation 0.02mm (mm)

Code	Range	L	a	b	c	d	D	t	List Price (₹)	Promotion Price (₹)
1312-150A*	0-150mm	235	21	16.5	16	40	$\varnothing 39$	6.5	2432	2416
1312-200A*	0-200mm	288	24	19	16	48	$\varnothing 39$	6.5	3240	3219
1312-300A*	0-300mm	410	28	22	20	62	$\varnothing 44.5$	7.5	5521	4936

*Supplied with manufacturer inspection certificate traceable to DKD Germany

VERNIER CALIPERS (SEPARATE TYPE)

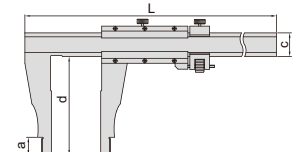
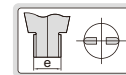


1214-500

separate type (with screws)



- Graduation: $0.02\text{mm}/0.001''$
- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface



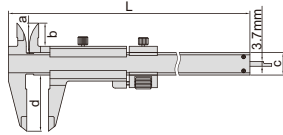
Code	Range	Accuracy	a	c	d	e	L	List Price (₹)	Promotion Price (₹)
1214-500	0-500mm/0-20"	$\pm 0.05\text{mm}$	18	24	100	20	670	8622	7535
1214-600	0-600mm/0-24"	$\pm 0.05\text{mm}$	18	24	100	20	770	9732	8403
1214-1000	0-1000mm/0-40"	$\pm 0.08\text{mm}$	24	32	140	20	1216	26685	23754

VERNIER CALIPERS WITH FINE ADJUSTMENT



1233-130

- Graduation: 0.02mm/0.001"
- Accuracy: ± 0.03 mm
- With fine adjustment
- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface



(mm)

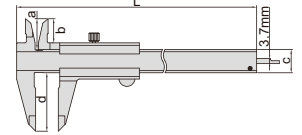
Code	Range	L	a	b	c	d	List Price (₹)	Promotion Price (₹)
1233-130	0-130mm/0-5"	230	20.5	16.5	16	40	1741	1609
1233-180	0-180mm/0-7"	295	23.5	19	16	50	2518	2399
1233-280	0-280mm/0-11"	410	26	20	20	60	4522	4383

VERNIER CALIPERS



1205-1502S

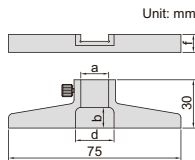
- Accuracy: ± 0.03 mm
- Graduation: 0.02mm/0.001"
- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface



(mm)

Code	Range	L	a	b	c	d	List Price (₹)	Promotion Price (₹)
1205-1502S	0-150mm/0-6"	235	20.5	15.5	16	40	1653	1510
1205-2002S	0-200mm/0-8"	290	23.5	19	17	50	2492	2341
1205-3002S	0-300mm/0-12"	414	27.5	22	20	64	4618	4281

DEPTH BASE ATTACHMENTS



6140

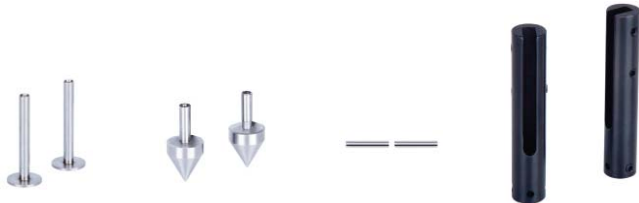


6140-16B

- To increase the stability of depth measurement
- Suitable for digital calipers and dial calipers
- Made of stainless steel
- Application: suitable for calipers with beam width (w) 16mm

Code	a	b	d	f	Type	List Price (₹)	Promotion Price (₹)
6140	16.5	9	18	6	narrow base (f=6)	788	702
6140-16B	16	12.5	24.5	11	wide base (f=11), high stability	1365	1323

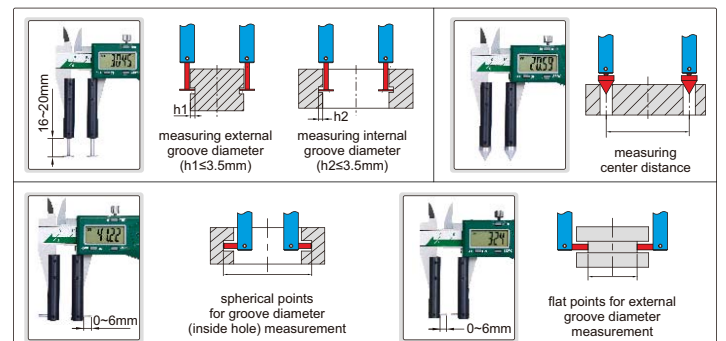
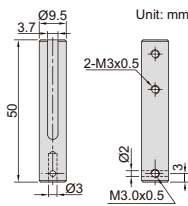
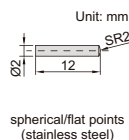
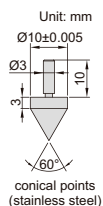
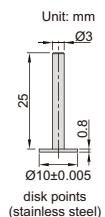
ACCESSORY SET FOR DIGITAL CALIPERS
CODE 6144



6144

- Suitable for 0-150mm/0-6" and 0-200mm/0-8" digital calipers (thickness of lower jaws ≤ 3.7 mm)

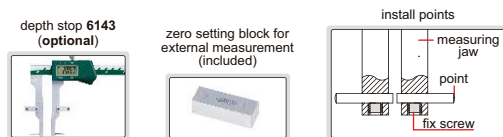
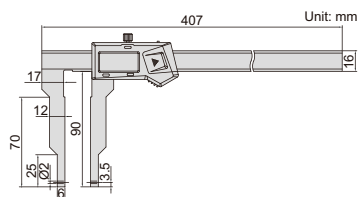
Code	List Price (₹)	Promotion Price (₹)
6144	3063	2771



DIGITAL CALIPER WITH INTERCHANGEABLE POINTS CODE 1124-300A



1124-300A



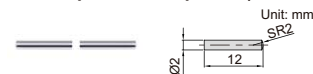
Code	List Price (₹)	Promotion Price (₹)
1124-300A	21237	19113

Point	Range	Accuracy	Application
short spherical/flat points	24-324mm/1-12.7"(internal) 0-288mm/0-11.3"(external)	±0.04mm	spherical points for grooves inside hole (small hole) flat points for external grooves
long spherical/flat points	40-340mm/1.5-13.3"(internal) 0-272mm/0-10.7"(external)	±0.04mm	spherical points for grooves inside hole (large hole) flat points for external grooves
short spherical blade points	24-324mm/1-12.7"(internal) 0-288mm/0-11.3"(external)	±0.04mm	for narrow grooves inside hole (small hole)
long spherical blade points	40-340mm/1.5-13.3"(internal) 0-272mm/0-10.7"(external)	±0.04mm	for narrow grooves inside hole (large hole)

- Supplied with 4 pairs of points and zero setting block for external measurement
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: points (code 1526-T101, 7392, 7391, 7381, 7321), depth stop (code 6143), data output cable (code 7315-21, 7302-21)

DATA OUTPUT

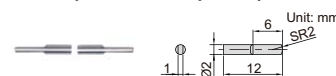
Short spherical/flat points (included)



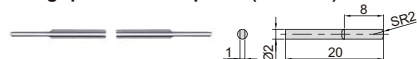
Long spherical/flat points (included)



Short spherical blade points (included)



Long spherical blade points (included)

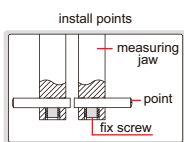
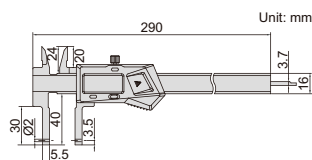


DIGITAL CALIPER WITH INTERCHANGEABLE POINTS CODE 1526-200

- Supplied with 3 pairs of points and zero setting block for external measurement
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: points, depth stop (code 6143), data output cable (code 7315-21, 7302-21)



1526-200



Point	Range	Accuracy	Application
short spherical points	12-212mm/0.5-8.5"(internal) 0-187mm/0-7.5"(external)	±0.03mm	for grooves inside small hole
long spherical/flat points	24-224mm/1-8.8"(internal) 0-187mm/0-7.5"(external)	±0.03mm	spherical points for grooves inside hole flat points for external grooves
spherical blade points	24-224mm/1-8.8"(internal) 0-187mm/0-7.5"(external)	±0.03mm	for narrow grooves inside hole

Code	List Price (₹)	Promotion Price (₹)
1526-200	15133	12620

DATA OUTPUT

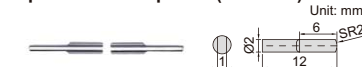
Short spherical points (included)



Long spherical/flat points (included)



Spherical blade points (included)



DIGITAL CALIPER WITH INTERCHANGEABLE POINTS

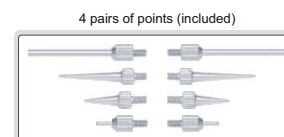
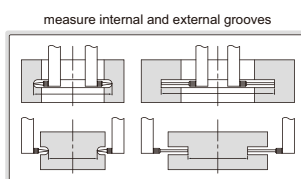
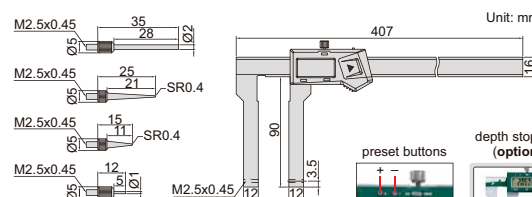
VARIOUS POINTS ARE AVAILABLE

DATA OUTPUT

- Supplied with 4 pairs of points and zero setting block for external measurement
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: points, depth stop (code 6143), data output cable (code 7315-21, 7302-21)



1530-300



Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1530-300	0-300mm/0-12"	±0.04mm	22231	20008

*For different points, the measuring range changes accordingly

DIGITAL INSIDE GROOVE CALIPER

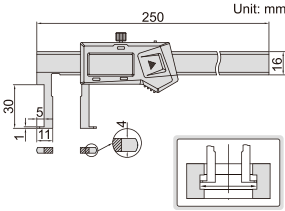
DATA OUTPUT



1120-150A



- Measure groove diameter
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: depth stop (code 6143), data output cable (code 7315-21, 7302-21)



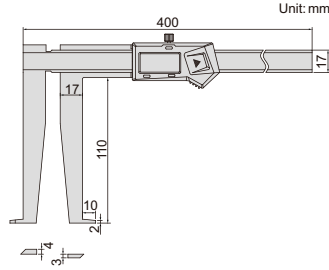
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1120-150A	22-150mm/0.87-6"	±0.04mm	7968	5732

DIGITAL INSIDE GROOVE CALIPER

DATA OUTPUT



1178-300



- Measure diameter of grooves inside bores
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: depth stop (code 6143), data output cable (code 7315-21, 7302-21)

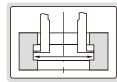


Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1178-300	25-300mm/1.18-12"	±0.05mm	17466	15719

INSIDE GROOVE VERNIER CALIPER



1262-150A



- Measure diameter of grooves inside bores
- Made of stainless steel
- Satin chrome plated reading surface

Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
1262-150A	18-150mm	0.02mm	±0.04mm	8539	7839

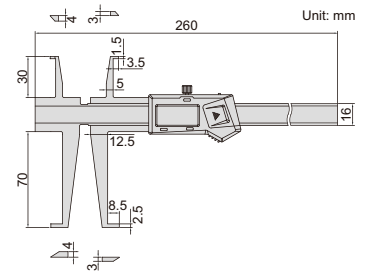
DIGITAL INSIDE GROOVE CALIPER

DATA OUTPUT

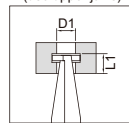


1176-150

- Accuracy: ±0.04mm
- Measure diameter of grooves inside bores
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: depth stop (code 6143), data output cable (code 7315-21, 7302-21)

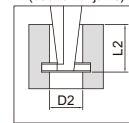


sizes to be measured (use upper jaws)



(mm)	
D1	L1
Ø9	<8
Ø10	<15
Ø11-200	<30

sizes to be measured (use lower jaws)



(mm)			
D2	L2	D2	L2
Ø17	<16	Ø20	<50
Ø18	<28	Ø21	<58
Ø19	<40	Ø22-150	<70

Code	Range of upper jaw	Range of lower jaw	List Price (₹)	Promotion Price (₹)
1176-150	9-150mm/0.35-6"	17-150mm/0.70-6"	10871	10166

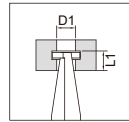
INSIDE GROOVE CALIPER

- Measure diameter of grooves inside bores
- Graduation: 0.02mm
- Made of stainless steel
- Optional accessory: depth stop (code 6143)



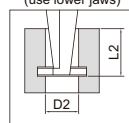
1199-150

sizes to be measured (use upper jaws)

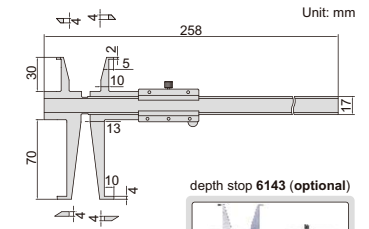


(mm)	
D1	L1
Ø11	<8
Ø12	<10
Ø13	<15
Ø14	<20
Ø15-200	<30

sizes to be measured (use lower jaws)



(mm)	
D2	L2
Ø18	<20
Ø19	<28
Ø20	<35
Ø21	<40
Ø22	<50
Ø23-150	<70



depth stop 6143 (optional)



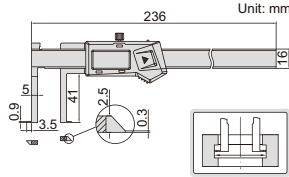
Code	Range of upper jaw	Range of lower jaw	Accuracy	List Price (₹)	Promotion Price (₹)
1199-150	11-150mm	18-150mm	±0.03mm	10013	9011

DIGITAL INSIDE GROOVE CALIPER

DATA OUTPUT



- Measure diameter of grooves inside small bores
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: depth stop (code 6143), data output cable (code 7315-21, 7302-21)



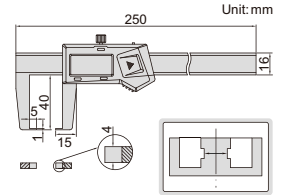
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1520-150	11-150mm/0.43-6"	±0.04mm	7888	6437

DIGITAL OUTSIDE NECK CALIPER

DATA OUTPUT



- Measure grooves and recesses
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: depth stop (code 6143), data output cable (code 7315-21, 7302-21)



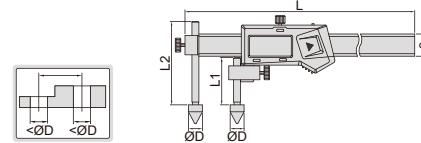
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1187-150A	0-150mm/0-6"	±0.04mm	6278	5650

DIGITAL OFFSET CENTERLINE CALIPERS

DATA OUTPUT



1192-150A



- Measure hole center distance in the same or offset planes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel

With data interface (data output cable code 7315-21, 7302-21, optional)

(mm)

Code	Range	Accuracy	c	ØD	L1	L2	L	List Price (₹)	Promotion Price (₹)
1192-150A	10-150mm/0.4-6"	±0.05mm	16	10	46	79	236	13129	11554
1192-300A	10-300mm/0.4-12"	±0.09mm	16	10	46	79	396	18739	16491

With data interface (data output cable code 7315-22, 7302-22, optional)

(mm)

Code	Range	Accuracy	c	ØD	L1	L2	L	List Price (₹)	Promotion Price (₹)
1192-500A	20-500mm/0.8-20"	±0.09mm	24	20	52	112	725	39194	36059

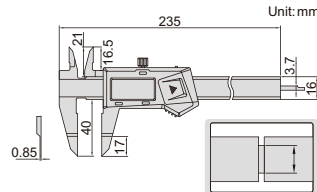
DIGITAL BLADE CALIPER

DATA OUTPUT



1188-150A

- The blade jaws fit into small grooves
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1188-150A	0-150mm/0-6"	±0.03mm	5415	4874

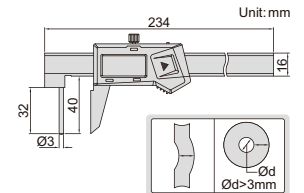
DIGITAL TUBE THICKNESS CALIPER

DATA OUTPUT



1161-150A

- Measure wall thickness of tubes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1161-150A	0-150mm/0-6"	±0.05mm	8244	7007

DIGITAL HOOK CALIPER

DATA OUTPUT

- Measure width and distance of grooves inside bores
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



1122-300



Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1122-300	4-300mm/0.16-12"	±0.04mm	18042	16238

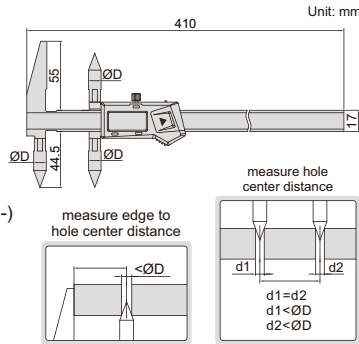
DIGITAL CENTERLINE AND EDGE TO CENTER CALIPER

DATA OUTPUT



1525-300

- Accuracy: $\pm 0.08\text{mm}$
- Measure hole center distance or edge to hole center distance
- Resolution: $0.01\text{mm}/0.0005''$
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



(mm)

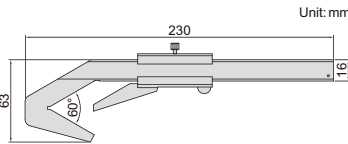
Code	Range of upper jaw (edge to center)	Range of lower jaw (center to center)	$\varnothing D$	List Price (₹)	Promotion Price (₹)
1525-300	5-300mm/0.2-12"	10-300mm/0.4-12"	10	20534	18481

V SHAPE VERNIER CALIPER



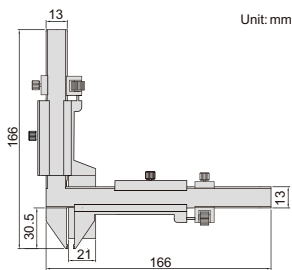
1273-403

- Measure outside diameter of three number of flutes (such as taps, reamers, end mills and gears)
- Made of stainless steel
- Satin chrome plated reading surface

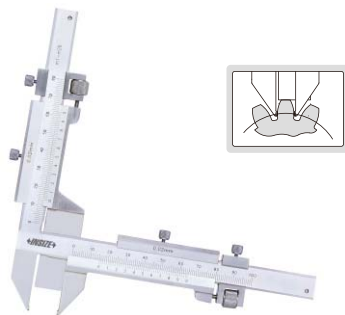


Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
1273-403	$\varnothing 4-40\text{mm}$	0.05mm	$\pm 0.05\text{mm}$	6489	5957

GEAR TOOTH VERNIER CALIPER



Unit: mm



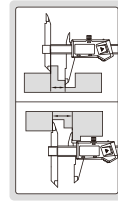
1281-M26A

- Graduation: 0.02mm
- Total accuracy: $\pm 0.04\text{mm}$
- Carbide tips
- Measure the tooth thickness by positioning the tooth height
- Made of stainless steel
- Satin chrome plated reading surface

Code	Range	Accuracy of height measurement	Accuracy of thickness measurement	List Price (₹)	Promotion Price (₹)
1281-M26A	M1-26mm	$\pm 0.03\text{mm}$	$\pm 0.03\text{mm}$	13314	12342

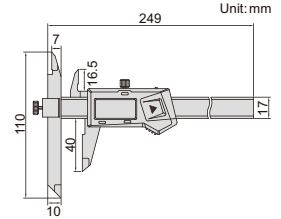
DIGITAL OFFSET CALIPER

DATA OUTPUT



1186-150A

- The left jaw can slide up and down to facilitate measurement of stepped sections
- Resolution: $0.01\text{mm}/0.0005''$
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



Unit: mm

Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1186-150A	0-150mm/0-6"	$\pm 0.04\text{mm}$	11040	9936

IP67 WATERPROOF DIGITAL DEPTH GAGES

ATTENTION: IT IS NECESSARY TO SET ZERO AFTER POWER ON EACH TIME

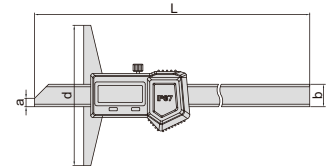


1149-150

ATTENTION: NO DATE OUTPUT

IP67 WATERPROOF

- IP67 dust/waterproof
- Resolution: $0.01\text{mm}/0.0005''$
- Button function: zero, on/off, mm/inch, ABS/REL, hold
- Meet DIN862
- Battery CR2032
- Made of stainless steel

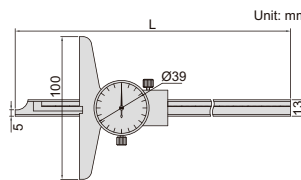


(mm)

Code	Range	Accuracy	L	a	b	d	List Price (₹)	Promotion Price (₹)
1149-150	0-150mm/0-6"	$\pm 0.03\text{mm}$	240	6	16	100	11031	9187
1149-200	0-200mm/0-8"	$\pm 0.03\text{mm}$	290	6	16	100	15095	12571
1149-300	0-300mm/0-12"	$\pm 0.03\text{mm}$	390	6	16	150	19369	16131

DIAL DEPTH GAGES

SHOCK PROOF



Unit: mm



1340-150

- Shockproof dial indicator
- Made of stainless steel

Code	Range	Graduation	Accuracy	L	List Price (₹)	Promotion Price (₹)
1340-150	0-150mm	0.02mm	$\pm 0.03\text{mm}$	232mm	3060	2809
1340-200	0-200mm	0.02mm	$\pm 0.03\text{mm}$	282mm	3350	3075
1340-300	0-300mm	0.02mm	$\pm 0.04\text{mm}$	382mm	4269	3919

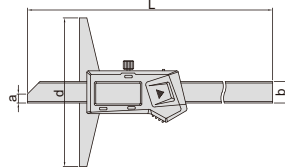
DIGITAL DEPTH GAGES (STANDARD TYPE)

DATA OUTPUT



1141-150A

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)

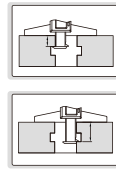


(mm)

Code	Range	Accuracy	L	a	b	d	List Price (₹)	Promotion Price (₹)
1141-150A	0-150mm/0-6"	±0.03mm	230	6	14.5	100	3453	2767
1141-200A	0-200mm/0-8"	±0.03mm	280	6	14.5	100	4193	3361
1141-300A	0-300mm/0-12"	±0.03mm	380	6	14.5	150	8912	7150

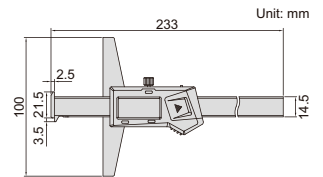
DIGITAL DOUBLE HOOK DEPTH GAGE

DATA OUTPUT



1144-150A

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



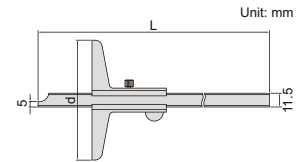
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1144-150A	0-150mm/0-6"	±0.03mm	5385	4847

VERNIER DEPTH GAGES (STANDARD TYPE)



1240-2001

- Made of stainless steel
- Satin chrome plated reading surface



Graduation 0.02mm

Code	Range	Accuracy	L	d	List Price (₹)	Promotion Price (₹)
1240-1501	0-150mm	±0.03mm	245mm	100mm	1971	1790
1240-2001	0-200mm	±0.03mm	282mm	100mm	2039	1976
1240-3001	0-300mm	±0.04mm	382mm	100mm	2642	2560

DIGITAL DEPTH GAGE WITH ROUND DEPTH BAR

DATA OUTPUT

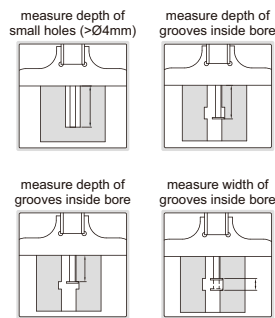
MEASURE WIDTH AND DEPTH OF GROOVES INSIDE BORE

MEASURE DEPTH OF SMALL HOLES (>Ø4mm)



1148-200

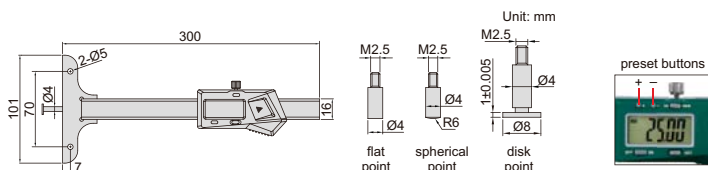
- Resolution: 0.01mm/0.0005"
- Supplied with three interchangeable points (flat, spherical, disk)
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21), extension base (code 6141)



extension base for 1148-200 (optional)



6141 series



Code	Range *	Accuracy	Remark	List Price (₹)	Promotion Price (₹)
1148-200	0-200mm/0-8"	±0.03mm	with mounting holes for extension base	14664	13618

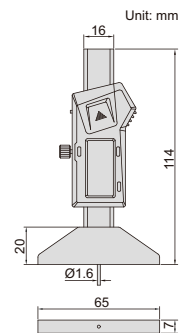
*When disk points are used, the range is reduced by 10mm

MINI DIGITAL DEPTH GAGE WITH ROUND BAR

DATA OUTPUT



1140-25

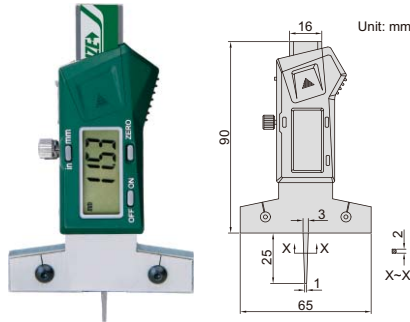
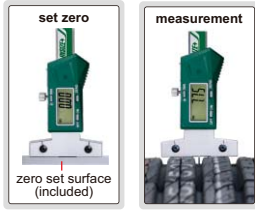


- Measure depth of small groove and hole
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)

Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1140-25	0-25mm/0-1"	±0.02mm	6441	5797

MINI DIGITAL DEPTH GAGE

DATA OUTPUT

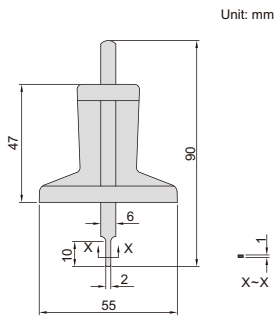


1145-25A

- Measure depth of small groove and hole, also measure depth of tire tread
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Supplied with zero set surface
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)

Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1145-25A	0-25mm/0-1"	±0.03mm	4027	2876

VERNIER DEPTH GAGE (ECONOMIC TYPE)

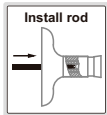


1244-30

- Graduation: 0.1mm
- Made of stainless steel

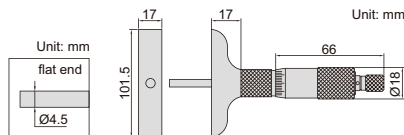
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1244-30	0-30mm	±0.10mm	945	869

DEPTH MICROMETERS



3240-25

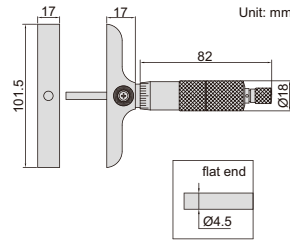
- Graduation: 0.01mm
- Meet DIN863-2
- Micrometer head accuracy: $\pm 3\mu\text{m}$
- Rod accuracy: $\pm (2+L/75)\mu\text{m}$, L is the measuring range in mm
- Rods with flat
- Ratchet stop



Flat end

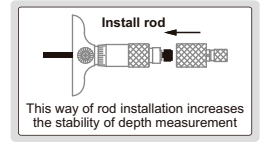
Code	Range	Rods	List Price (₹)	Promotion Price (₹)
3240-25	0-25mm	1 pc	3133	2819
3240-100	0-100mm	4 pcs	4686	4452

DEPTH MICROMETERS



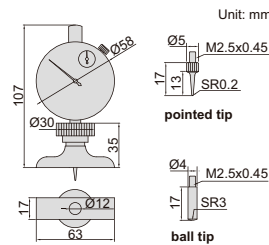
3241-150

- Meet DIN863-2
- Micrometer head accuracy: $\pm 3\mu\text{m}$
- Rod accuracy: $\pm (2+L/75)\mu\text{m}$, L is the measuring range in mm
- Rods with flat end
- Ratchet stop



Code	Range	Rods	Graduation	List Price (₹)	Promotion Price (₹)
3241-150	0-150mm	6 pcs	0.01mm	7996	7516
3241-300	0-300mm	12 pcs	0.01mm	12758	12285

DIAL DEPTH GAGE



2341-101A

- Dial indicator graduation: 0.01mm
- Stainless steel base
- Supplied with pointed tip and ball tip

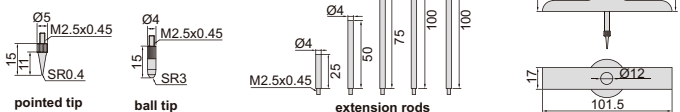
Code	Range	Dial indicator stroke	Accuracy	List Price (₹)	Promotion Price (₹)
2341-101A	0-10mm	10mm	±0.017mm	4403	3773

DIAL DEPTH GAGE



2342-202

- Accuracy: $\pm 0.03\text{mm}$
- Dial indicator stroke: 30mm
- Dial indicator graduation: 0.01mm
- Stainless steel base
- Extension rods: 25mm (1 pc), 50mm (1 pc), 75mm (1 pc), 100mm (2 pcs)
- Supplied with pointed tip and ball tip
- Optional accessory: granite extension holder (code 2141-10)



Code	Range	Base	List Price (₹)	Promotion Price (₹)
2342-202	0-300mm	101.5x17mm	7543	6957

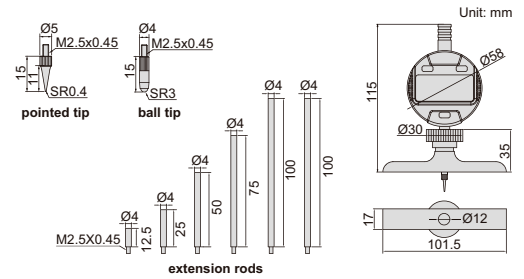
DIGITAL DEPTH GAGE

DATA OUTPUT

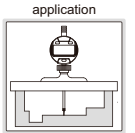
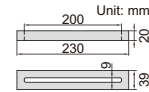
- Digital indicator stroke: 12.7mm/0.5"
- Digital indicator resolution: 0.01mm/0.0005"
- Button function: on/off, zero, mm/inch, ABS, data preset, change measuring direction
- CR2032 battery
- Automatic power off, data output
- Stainless steel base
- Extension rods: 12.5mm (1 pc), 25mm (1 pc), 50mm (1 pc), 75mm (1 pc), 100mm (2 pcs)
- Supplied with pointed tip and ball tip
- Optional accessory: data output cable (code 7315-50M, 7302-50M), granite extension holder (code 2141-10)



2141-202A



2141-10 (optional), can be customized according to workpieces

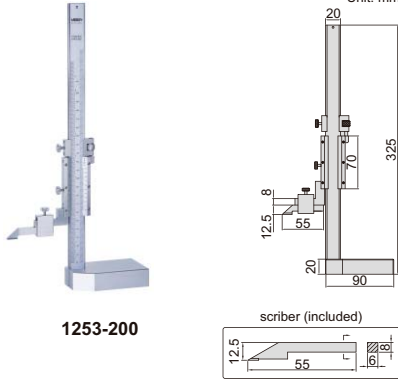
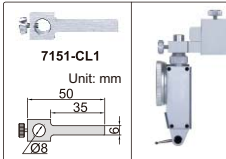


Code	Range	Accuracy	Base	List Price (₹)	Promotion Price (₹)
2141-202A	0-300mm/0-12"	±20µm	101.5x17mm	10120	7615

VERNIER HEIGHT GAGE

ATTENTION: CAN NOT USE CLAMP FOR PROTRACTORS (CODE 2372-CLAMP)

dial test indicator holder (optional)



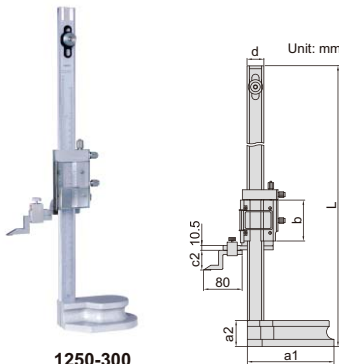
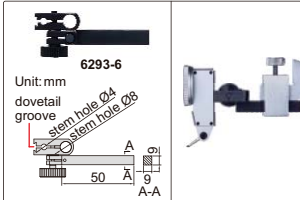
1253-200

- Graduation 0.02mm/0.001"
- Carbide tipped scriber
- Made of stainless steel (except the base)
- Satin chrome plated scale
- Optional accessory: dial test indicator holder (code 7151-CL1)

Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1253-200	0-200mm/0-8"	±0.03mm	9354	7631

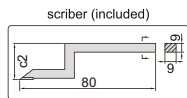
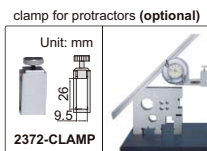
VERNIER HEIGHT GAGES

dial test indicator holder (optional)



1250-300

- Graduation: 0.02mm/0.001"
- Adjustable main scale to set zero
- Carbide tipped scriber
- Made of stainless steel (except the base)
- Satin chrome plated scale
- Supplied with magnifier
- With fine adjustment
- Supplied with dust cover
- Optional accessory: dial test indicator holder (code 6293-6), clamp for protractors (code 2372-CLAMP)



(mm)

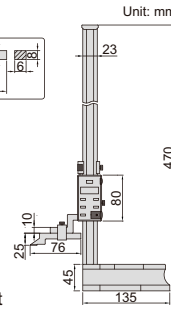
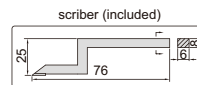
Code	Range	Accuracy	L	a1	a2	b	c2	d	List Price (₹)	Promotion Price (₹)
1250-300	0-300mm/0-12"	±0.04mm	545	135	43	75	30	28	10784	10071
1250-600	0-600mm/0-24"	±0.05mm	870	180	54	85	41	35	16549	16139

DIGITAL HEIGHT GAGE (ECONOMIC TYPE)

ATTENTION: CAN NOT USE CLAMP FOR PROTRACTORS (CODE 2372-CLAMP)

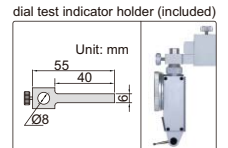
ATTENTION: LOW ACCURACY

DATA OUTPUT



1150-300

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, ABS/INC, data hold, TOL, set
- ABS/INC is for absolute and incremental measurement
- TOL is for tolerance measurement
- Carbide tipped scriber
- Made of stainless steel (except the base)
- LR44 battery, data output
- Supplied with dial test indicator holder
- Supplied with dust cover
- Optional accessory: data output cable (code 7302-SPC7, keyboard format)



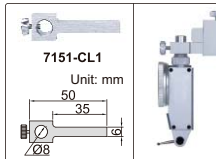
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
1150-300	0-300mm/0-12"	±0.05mm	18269	12834

DIGITAL HEIGHT GAGE

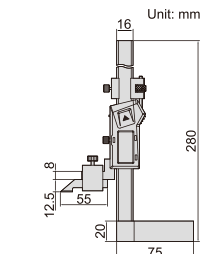
ATTENTION: CAN NOT USE CLAMP FOR PROTRACTORS (CODE 2372-CLAMP)

DATA OUTPUT

dial test indicator holder (optional)



1154-150



- Accuracy: ±0.03mm
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Carbide tipped scriber
- With fine adjustment
- Made of stainless steel
- Battery CR2032, data output
- Optional accessory: data output cable (code 7315-22, 7302-22), dial test indicator holder (code 7151-CL1)



Code	Range	Resolution	List Price (₹)	Promotion Price (₹)
1154-150	0-150mm/0-6"	0.01mm/0.0005"	7920	6010

DIGITAL HEIGHT GAGES WITH DRIVING WHEEL

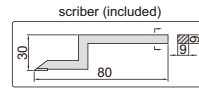
DATA OUTPUT

INSPECTION CERTIFICATE
TRACEABLE TO DKD

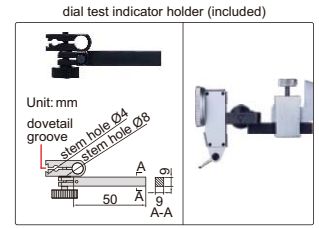
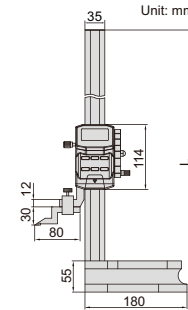
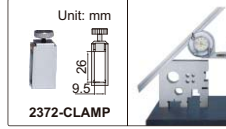
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, preset (+, -), ABS/INC
- Automatic power off, move the digital unit to turn on power
- Carbide tipped scriber
- Made of stainless steel
- Battery CR2032, data output
- Supplied with dust cover
- With dial test indicator holder
- Optional accessory: data output cable (code 7315-22, 7302-22), clamp for protractors (code 2372-CLAMP)



1156-300



clamp for protractors (optional)



Code	Range	Accuracy	L	List Price (₹)	Promotion Price (₹)
1156-300*	0-300mm/0-12"	±0.03mm	515mm	21146	19363
1156-600*	0-600mm/0-24"	±0.05mm	815mm	31774	30250

*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL HEIGHT GAGES

DATA OUTPUT

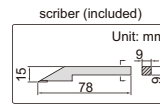


driving wheel on the back

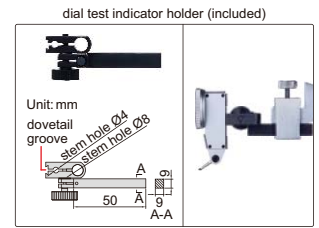
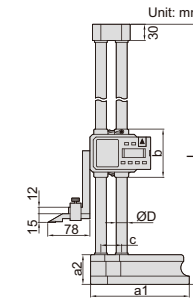
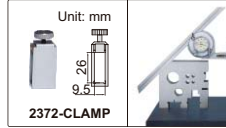
- Resolution: 0.01mm/0.001"
- Buttons: on/off, zero, mm/inch, ABS/INC, preset +, preset -, reset
- ABS/INC is for absolute and incremental measurement
- Carbide tipped scriber
- Made of stainless steel (except the base)
- Battery LR44, data output
- With driving wheel
- With dial test indicator holder
- Supplied with dust cover
- Optional accessory: clamp for protractors (code 2372-CLAMP)



1151-300



clamp for protractors (optional)

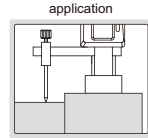


Code	Range	Accuracy	L	a1	a2	b	c	ØD	List Price (₹)	Promotion Price (₹)
1151-300	0-300mm/0-12"	±0.04mm	475	135	43	84	33	15	31133	28019

(mm)

MINI DIGITAL HEIGHT GAGE

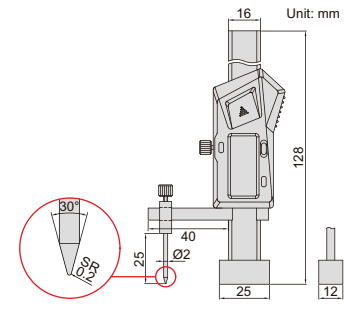
- Measure height difference of two surfaces
- Accuracy: ±0.02mm
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



application



1146-20A



DATA OUTPUT

Code	Range	List Price (₹)	Promotion Price (₹)
1146-20A	0~±20mm/0~±0.8"	6083	5475

DIGITAL HEIGHT GAGE

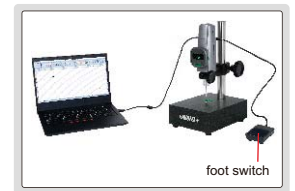
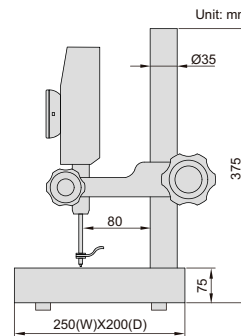
- Measuring force: 0.8~1.2N
- Power supply: 5V/1A (adapter or charge pal)
- Buttons: on/off, zero, mm/inch, mix/min/mix-min
- High response speed (5000mm/s)
- High brightness LED display



power supplied by charge pal



1157-501



data transmitted to Excel without software; short press the foot switch to transmit data, long press to zero

STANDARD DELIVERY

Main unit	1 pc
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OPTIONAL ACCESSORY

Contact point	code 6282
Charge pal	1155-5-POB
Data output cables (including foot switch)	1155-5-FOS

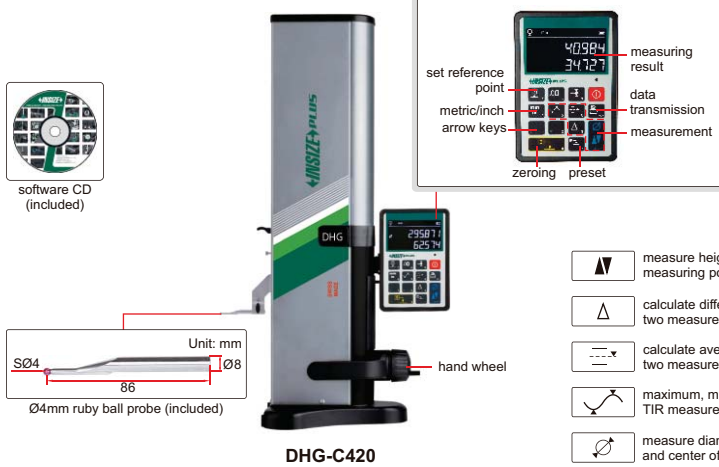
Code	Range	Resolution	Accuracy (20°C)	Output	Base	List Price (₹)	Promotion Price (₹)
1157-501	0~50mm	1µm/0.00005"	3µm	USB	granite (flatness: 2µm)	93199	83879

1D MANUAL HEIGHT GAGE (WITHOUT AIR CUSHION) CODE DHG-C420

INSIZE PLUS
MADE IN EUROPE

**INSPECTION
CERTIFICATE**

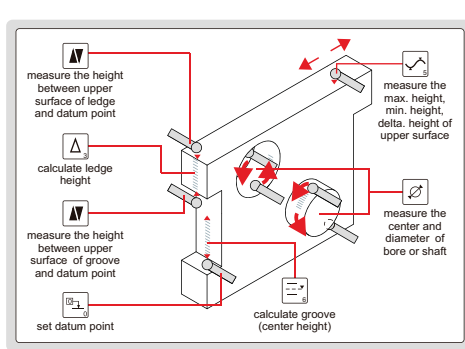
**DATA
OUTPUT**



- Set 9 reference points
- Probe can be moved quickly by hand
- Touch buttons
- LED display with backlight
- Built-in rechargeable battery, 40 hours working
- Measurement results can be sent to Excel/Word, equivalent to keyboard input

SPECIFICATION

List Price (₹)	351014
Promotion Price (₹)	347293
Measuring range	0~406mm
Accuracy (at 20°C)	8µm
Repeatability	3µm
Resolution	0.1mm, 0.01mm, 0.001mm (selectable)
Data output	USB
Measuring force	0.75N, 1N, 1.25N, 1.5N (selectable)
Power supply	rechargeable battery
Working temperature	10°C~40°C
Weight	21kg



Probes (optional) Unit: mm

SØ2mm carbide ball probe, code ISHH-V-C2A	SØ4mm carbide ball probe, code ISHH-V-C2A
SØ4mm ruby ball probe, code ISHH-C-R4	SØ5mm ruby ball probe, code ISHH-C-R5B
SØ10mm ruby ball probe, code ISHH-C-R10	Ø1.5mm pin probe, code ISHH-C-P1

STANDARD DELIVERY

Main unit	1 pc
Ø4mm ruby ball probe	1 pc
Calibration block	1 pc
AC/DC adapter	1 pc
Software and USB cable	1 pc

OPTIONAL ACCESSORY

Transmitter	7306-100
Receiver	7306-2
Probe	ISHH-V-C2A, ISHH-V-C4A, ISHH-V-R4, ISHH-V-R5B, ISHH-V-R10, ISHH-V-P1

HIGH PRECISION DIGITAL MICROMETERS/SNAP GAGES

**INSPECTION
CERTIFICATE**

**NON-ROTATING
SPINDLE**

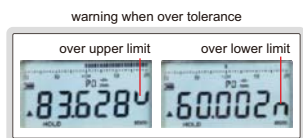
**MEASUREMENT ACCURACY IS NOT
AFFECTED BY THE USE OF SLEEVE**

ONE TURN OF SLEEVE MAKES 5MM SPINDLE FEED,
PRESS THE FORK, THE SPINDLE RETRACTS 3MM

ATTENTION: RECHARGEABLE BATTERY,
FOR 24 HOURS CONTINUOUS WORKING

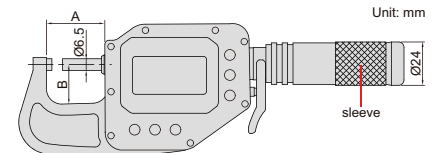
**IP65
WATERPROOF**

**ABSOLUTE ENCODER, THE ORIGINAL
DATA REMAINS AFTER POWER OFF**



3350-25

**DATA
OUTPUT**



- Absolute encoder, the original data remains after power off
- Adjustable resolution: 0.0002mm/0.0001" / 0.001mm/0.0005" / 0.01mm/0.0005"
- One turn of sleeve makes 5mm spindle feed
- Measurement accuracy is not affected by the use of sleeve
- Press the fork, the spindle retracts 3mm
- Linear ball bearings for ten million times use
- Carbide spindle and anvil
- Measuring force 7-10N.
- Customizable measuring force range 2-12N.
- Attention: small measuring force will reduce the dustproof and waterproof level
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, zero, mm/inch, adjust resolution
- Supplied with gage blocks for zero setting (except 0-25mm/0-1")
- Power: rechargeable battery, for 24 hours continuous working

With data interface

Optional accessory:
wireless transmitter, code 7315-60, wireless receiver, code 7315-2, 7315-3
data output cable (keyboard format), code 7302-60
data output cable (serial port format), code 7305-G60
(cable length 3m, optional cable length maximum 15m; RS232 protocol, optional RS485 protocol)

Code	Range	Accuracy	Repeatability	Measuring faces		A	B	List Price (₹)	Promotion Price (₹)
				Flatness	Parallelism				
3350-25*	0-25mm/0-1"	1.4µm	0.6µm	0.5µm	1µm	38	24	35184	32299
3350-50*	25-50mm/1-2"	1.6µm	1µm	0.5µm	1µm	63	28	38081	34958
3350-75*	50-75mm/2-3"	1.8µm	1µm	0.5µm	1µm	88	45	43720	40135
3350-100*	75-100mm/3-3.95"	2µm	1µm	0.5µm	1µm	113	57	48355	44390

*Supplied with manufacturer inspection certificate

WATERPROOF DIGITAL OUTSIDE MICROMETERS (WITHOUT DATA OUTPUT)



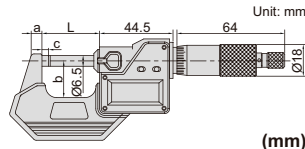
3108-25A

IP65 WATERPROOF

ATTENTION: NO DATA OUTPUT

INSPECTION CERTIFICATE TRACEABLE TO DKD

spherical anvil is included

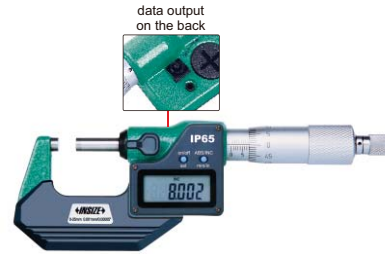


- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- No data output
- Automatic power off
- Carbide measuring faces
- Ratchet stop
- Supplied with spherical anvil
- Setting standards are included (except 0-25mm/0-1")

Code	Range	Accuracy	L	a	b	c	List Price (₹)	Promotion Price (₹)
3108-25A*	0-25mm/0-1"	±2µm	34.5	6	25	3	5520	5313
3108-50A*	25-50mm/1-2"	±2µm	59.5	8	32	3	6897	6197
3108-75A*	50-75mm/2-3"	±3µm	84.5	8	44.5	3	8436	7056
3108-100A*	75-100mm/3-4"	±3µm	109.5	8	57	3	9286	7673
3108-125A	100-125mm/4-5"	±3µm	135	10	70	3	10768	8567
3108-150A	125-150mm/5-6"	±3µm	160.5	10	82	3	11744	9343
3108-175A	150-175mm/6-7"	±4µm	186	12	94.5	5.5	12851	10224
3108-200A	175-200mm/7-8"	±4µm	211.5	12	107	5.5	14228	11175

*Supplied with manufacturer inspection certificate traceable to DKD Germany

WATERPROOF DIGITAL OUTSIDE MICROMETERS (WITH DATA OUTPUT)



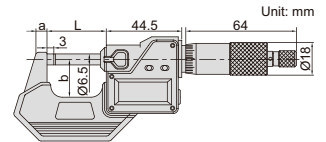
3101-25A

IP65 WATERPROOF

DATA OUTPUT

INSPECTION CERTIFICATE TRACEABLE TO DKD

spherical anvil is included



- Resolution 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Carbide measuring faces
- Ratchet stop
- Supplied with spherical anvil
- Setting standards are included (except 0-25mm/0-1")
- Optional accessory: data output cable (code 7315-30, 7302-30)

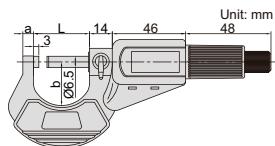
Code	Range	Accuracy	L	a	b	List Price (₹)	Promotion Price (₹)
3101-25A*	0-25mm/0-1"	±2µm	34.5	6	25	10049	8270
3101-50A*	25-50mm/1-2"	±2µm	59.5	8	32	10835	9137
3101-75A*	50-75mm/2-3"	±3µm	84.5	8	44.5	10472	9826
3101-100A*	75-100mm/3-4"	±3µm	109.5	8	57	11226	10420

*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL OUTSIDE MICROMETERS (BASIC TYPE, WITHOUT DATA OUTPUT)

ATTENTION: NO DATA OUTPUT

INSPECTION CERTIFICATE TRACEABLE TO DKD



3109-25A

spherical anvil is included

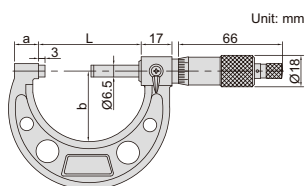


- Resolution 0.001mm/0.00005"
- Button function: on/off, set, mm/inch, ABS/INC
- No data output
- Automatic power off
- Carbide measuring faces
- Friction thimble
- Supplied with spherical anvil
- Setting standards are included (except 0-25mm/0-1")

Code	Range	Accuracy	L	a	b	List Price (₹)	Promotion Price (₹)
3109-25A*	0-25mm/0-1"	±2µm	32	6	27.5	4100	3471
3109-50A*	25-50mm/1-2"	±2µm	57	8	37	4951	4613
3109-75A*	50-75mm/2-3"	±3µm	82	8	50	5590	5246
3109-100A*	75-100mm/3-4"	±3µm	107	10	61	6319	5930
3109-125A	100-125mm/4-5"	±3µm	132	10	73	7773	6344
3109-150A	125-150mm/5-6"	±3µm	157	10	85	8629	7041
3109-175A	150-175mm/6-7"	±4µm	182	21	104	10102	8243
3109-200A	175-200mm/7-8"	±4µm	207	21	117	11006	8980

*Supplied with manufacturer inspection certificate traceable to DKD Germany

OUTSIDE MICROMETERS



3203-50A

- Graduation: 0.01mm
- Carbide measuring faces, ratchet stop
- Meet DIN863-1
- Supplied with setting standards (except 0-25mm)

INSPECTION CERTIFICATE TRACEABLE TO DKD

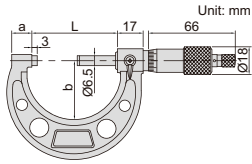
Set

Code	Range	Micrometers included	Packaging	List Price (₹)	Promotion Price (₹)
3203-1004A*	0-100mm	3203-25A, 3203-50A, 3203-75A, 3203-100A	blow mould case	6687	6580

*Supplied with manufacturer inspection certificate traceable to DKD Germany

Code	Range	Accuracy	L	a	b	List Price (₹)	Promotion Price (₹)
3203-25A*	0-25mm	±2µm	32	9	28	1454	1356
3203-50A*	25-50mm	±2µm	57	14	38	1649	1555
3203-75A*	50-75mm	±2µm	82	15	49	1912	1740
3203-100A*	75-100mm	±3µm	107	15	60	2126	1929
3203-125A	100-125mm	±3µm	133	16.5	73	2584	2556
3203-150A	125-150mm	±3µm	158	16.5	85	2926	2895
3203-175A	150-175mm	±4µm	183	19.4	104	3592	3484
3203-200A	175-200mm	±4µm	209	19.4	117	3978	3859

1µm GRADUATION OUTSIDE MICROMETERS



3210-25A

- Graduation: 0.001mm
- Carbide measuring faces
- Meet DIN863-1, ratchet stop
- Supplied with setting standards (except 0-25mm)



(mm)

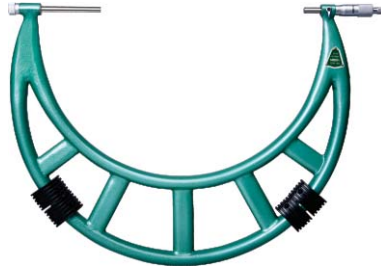
Code	Range	Accuracy	L	a	b	List Price (₹)	Promotion Price (₹)
3210-25A*	0-25mm	4µm	32	9	28	1722	1583
3210-50A*	25-50mm	4µm	57	14	38	1889	1746

*Supplied with manufacturer inspection certificate traceable to DKD Germany

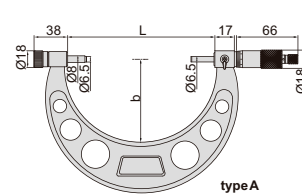
OUTSIDE MICROMETERS WITH INTERCHANGEABLE ANVILS



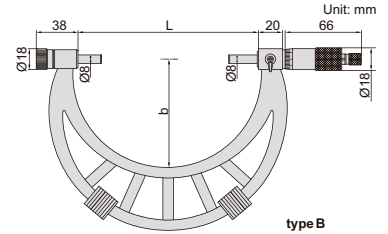
3206-150A



3206-400



type A

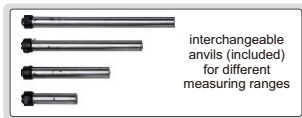


type B

setting standard is included



(mm)

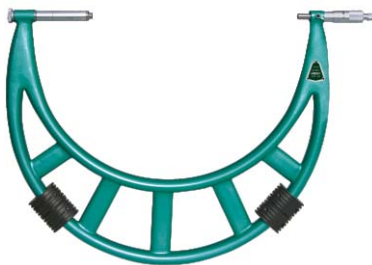


interchangeable anvils (included) for different measuring ranges

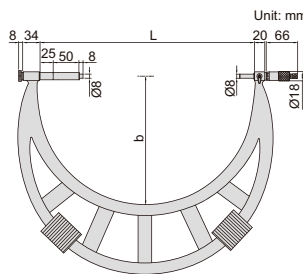
- Graduation: 0.01mm
- Ratchet stop
- Meet DIN863-3
- Carbide measuring faces
- Supplied with setting standards

Code	Range	Type	Accuracy	L	b	Setting standard (included)	List Price (₹)	Promotion Price (₹)
3206-150A	0-150mm	A	6µm	158	82	25, 50, 75, 100, 125	11270	10094
3206-200A	100-200mm	A	7µm	208	114	100, 125, 150, 175	12845	11792
3206-300A	150-300mm	A	9µm	308	165	150, 175, 200, 225, 250, 275	14420	12103
3206-400	300-400mm	B	11µm	409	224	325, 375	24112	23389
3206-500	400-500mm	B	13µm	509	275	425, 475	27208	26392
3206-600	500-600mm	B	14µm	609	321	525, 575	31185	30249

OUTSIDE MICROMETERS WITH EXTENSION ANVIL COLLAR



3205-400



- Graduation: 0.01mm
- Adjust collars for different measuring ranges
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards



adjust collars for different measuring ranges

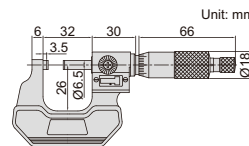
setting standard is included



(mm)

Code	Range	Accuracy	L	b	Setting standard (included)	List Price (₹)	Promotion Price (₹)
3205-400	300-400mm	11µm	410	250	325, 375	19059	18106
3205-500	400-500mm	13µm	510	295	425, 475	21544	20467
3205-600	500-600mm	14µm	610	345	525, 575	25364	24096

OUTSIDE MICROMETER WITH COUNTER



Unit: mm



3400-25

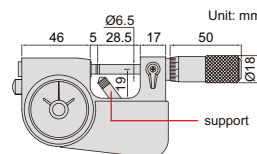
- Carbide measuring faces
- Meet DIN863-1
- Ratchet stop

Code	Range	Accuracy	Counter resolution	Thimble graduation	List Price (₹)	Promotion Price (₹)
3400-25*	0-25mm	4µm	0.01mm	0.01mm	3619	3508

*Supplied with manufacturer inspection certificate traceable to DKD Germany

INDICATING MICROMETER

ATTENTION: SETTING STANDARDS ARE NOT INCLUDED



Unit: mm

support

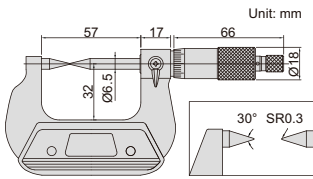


3332-25

- Meet DIN863-3
- Dial indicator: range ±0.04mm, graduation 0.001mm, accuracy 0.001mm
- Carbide measuring faces
- Optional accessory: gage blocks grade 0 (4101-A series), for zero setting

Code	Micrometer head range	Micrometer head accuracy	Micrometer head graduation	List Price (₹)	Promotion Price (₹)
3332-25	0-25mm	4µm	0.002mm	19933	17940

POINT MICROMETER



3230-25A

- Graduation: 0.01mm
- Measure the web thickness of drills, small grooves and keyways
- Ratchet stop, carbide tips
- Supplied with setting standards (except 0-25mm)

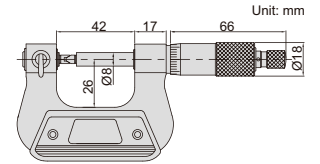
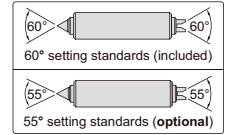
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
3230-25A	0-25mm	4µm	4265	3839

SCREW THREAD MICROMETER

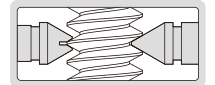
NON-ROTATING SPINDLE



3281-S25
(measuring tips are included)



- Measure pitch diameter of screw threads
- Non-rotating spindle
- Ratchet stop
- Supplied with 60° setting standards (except 0-25mm)
- 6 pairs of measuring tips (included): metric and unified thread (60° thread angle)
0.4-0.5mm/64-48TPI, 0.6-0.9mm/44-28TPI, 1-1.75mm/24-14TPI, 2-3mm/13-9TPI, 3.5-5mm/8-5TPI, 5.5-7mm/4.5-3.5TPI
- Optional accessory: 55° setting standards



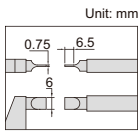
accuracy of micrometers with tips

Pitch	Range
	0-25mm
0.4-0.5mm	±0.01mm

Code	Range	Graduation	List Price (₹)	Promotion Price (₹)
3281-S25	0-25mm	0.01mm	13531	12178

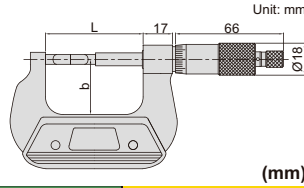
BLADE MICROMETERS

NON-ROTATING SPINDLE



3232-25A

- Meet DIN863-3
- Measure the groove diameter of shafts and keyways
- Graduation: 0.01mm
- Non-rotating spindle
- Ratchet stop
- Supplied with setting standards (except 0-25mm)



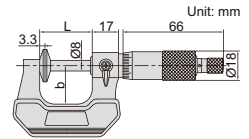
Code	Range	Accuracy	L	b	List Price (₹)	Promotion Price (₹)
3232-25A	0-25mm	4µm	57	32	6958	6749
3232-50A	25-50mm	4µm	82	44.5	9369	8432
3232-75A	50-75mm	5µm	107	57	10093	9084
3232-100A	75-100mm	5µm	132.6	69.5	10918	9826

DISK MICROMETERS (ECONOMIC TYPE)

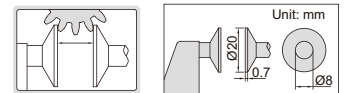
ATTENTION: LOW PARALLELISM OF TWO MEASURING FACES



3282-25



- Parallelism: 5µm
- Measure root tangent length of gear
- Graduation 0.01mm
- Ratchet stop
- Supplied with setting standards



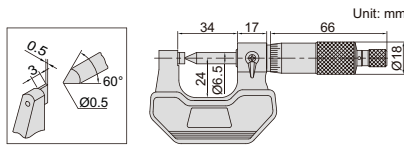
Code	Range	Accuracy	L	b	List Price (₹)	Promotion Price (₹)
3282-25	0-25mm	4µm	34	24	5142	4628
3282-50	25-50mm	4µm	59	32	5958	5362
3282-75	50-75mm	5µm	85	45	6720	6048
3282-100	75-100mm	5µm	110	57	7953	7158

CRIMP HEIGHT MICROMETER



3266-25BA

- Measure the height of crimp contact
- Graduation 0.01mm
- Ratchet stop
- Supplied with setting standards (except 0-25mm)



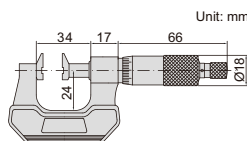
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
3266-25BA	0-25mm	4µm	4496	4046

JAW TYPE MICROMETER

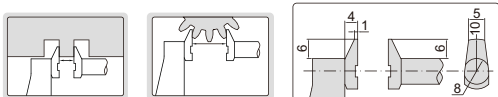
NON-ROTATING SPINDLE



3283-25A



- Graduation 0.01mm
- Non-rotating spindle
- Ratchet stop
- Supplied with setting standards (except 0-25mm)

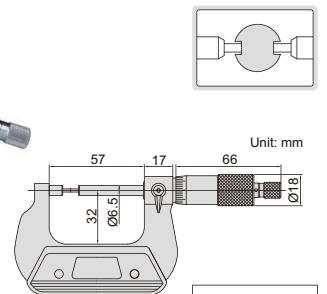


Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
3283-25A	0-25mm	4µm	13055	11750

SPLINE MICROMETER



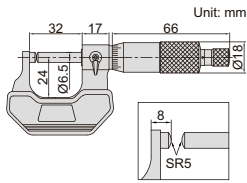
3233-25BA



- Meet DIN863-3
- Measure splined shafts, slots and keyways
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Supplied with setting standards (except 0-25mm)

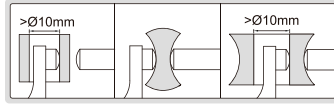
Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
3233-25BA	0-25mm	4µm	4413	3972

SPHERICAL ANVIL TUBE MICROMETER



3260-25SA

- Meet DIN863-3
- Measure wall thickness of tubes
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces

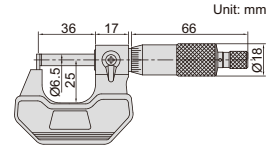


Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
3260-25SA	0-25mm	4µm	2364	2085

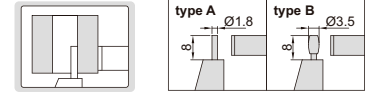
CYLINDRICAL ANVIL TUBE MICROMETERS



3261-25A



- Measure wall thickness of tubes
- Graduation 0.01mm
- Ratchet stop
- Carbide spindle tip
- Supplied with setting standards (except 0-25mm)

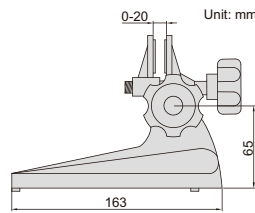


Code	Range	Type	Accuracy	List Price (₹)	Promotion Price (₹)
3261-25A	0-25mm	A	6µm	2963	2815
3261-25BA	0-25mm	B	6µm	3175	3016

MICROMETER STAND



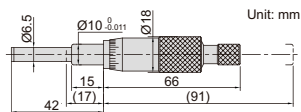
6301



- Suitable for outside micrometers up to 100mm

Code	List Price (₹)	Promotion Price (₹)
6301	1080	839

MICROMETER HEAD



6381-25W

- Meet DIN863-2
- Graduation 0.01mm
- Ratchet stop

Code	Range	Stem	Spindle tip	Accuracy	List Price (₹)	Promotion Price (₹)
6381-25W	0-25mm	plain	flat (carbide)	3µm	1494	1117

DIGITAL INSIDE MICROMETER (ECONOMIC TYPE)

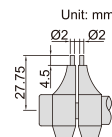


3520-30

ATTENTION: LOW PARALLELISM OF TWO MEASURING FACES

DATA OUTPUT

- Resolution 0.001mm/0.00005"
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Ratchet stop
- Carbide measuring faces
- Optional accessory: data output cable (code 7315-30, 7302-30)

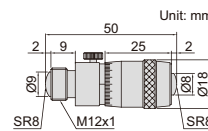


setting ring is included



Code	Range	Setting ring	Accuracy	List Price (₹)	Promotion Price (₹)
3520-30	5-30mm / 0.2-1.2"	5mm (included)	±5µm	15395	11677

TUBULAR INSIDE MICROMETER



3222-300

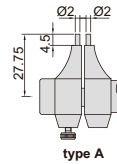
- Micrometer head: 50-63mm
- Extension rods: 13mm, 25mm, 50mm (2 pcs), 100mm
- Accuracy: (3+n+L/50)µm
n=number of rods
L=maximum measuring length (mm)
- Supplied with setting standards
- Carbide measuring faces

Code	Range	Graduation	Travel of micrometer head	List Price (₹)	Promotion Price (₹)
3222-300	50-300mm	0.01mm	13mm	8791	8413

INSIDE MICROMETER (ECONOMIC TYPE)

ATTENTION: LOW PARALLELISM OF TWO MEASURING FACES

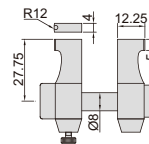
Unit: mm



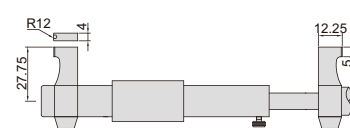
type A



3220-30



type B



type C

setting ring is included



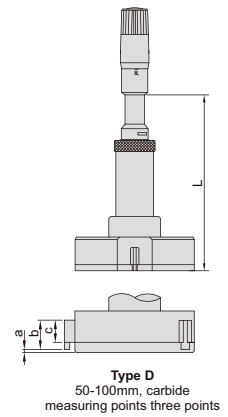
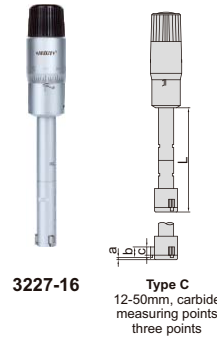
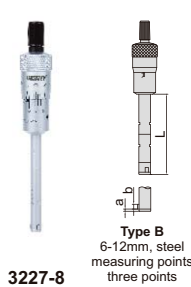
micrometer stand with clamp (optional)



- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Optional accessory: micrometer stand and clamp (code 6301 and 6301-1)

Code	Range	Type	Setting ring	Accuracy	List Price (₹)	Promotion Price (₹)
3220-30	5-30mm	A	5mm (included)	7µm	4326	3842
3220-50	25-50mm	B	25mm (included)	8µm	4591	4361
3220-75	50-75mm	B	50mm (optional)	9µm	5342	5075
3220-100	75-100mm	C	75mm (optional)	10µm	6002	5702

THREE POINTS INTERNAL MICROMETERS



- Meet DIN863-4
- 6-12mm: graduation 0.001mm, 12-100mm: graduation 0.005mm
- Ratchet stop
- Optional accessory: setting rings (code 6312), micrometer stand and clamp (code 6301 and 6301-2)

Individual

Code	Range	Type	Accuracy	Setting ring (included)	Extension rod (included)	L	a	b	c	List Price (₹)	Promotion Price (₹)
3227-8*	6-8mm	B (three points)	4µm	Ø6	100	54.5	1.5	2.5	-	16672	14962
3227-10*	8-10mm	B (three points)	4µm	Ø8	100	54.5	1.5	2.5	-	16672	14962
3227-12*	10-12mm	B (three points)	4µm	Ø10	100	54.5	1.5	2.5	-	16672	14962
3227-16*	12-16mm	C (three points)	4µm	Ø16	150	80	0.5	6	4.5	12596	11302
3227-20*	16-20mm	C (three points)	4µm	Ø16	150	80	0.5	6	4.5	12596	11302
3227-25*	20-25mm	C (three points)	4µm	Ø25	150	90	0.5	8	6	17704	15887
3227-30*	25-30mm	C (three points)	4µm	Ø25	150	90	0.5	8	6	17704	15887
3227-40*	30-40mm	C (three points)	4µm	Ø40	150	97	0.5	14	12	19068	17111
3227-50*	40-50mm	C (three points)	5µm	Ø40	150	97	0.5	14	12	22145	19872
3227-63*	50-63mm	D (three points)	5µm	Ø62	150	114	0.5	17.5	14.5	23974	21514
3227-75*	62-75mm	D (three points)	5µm	Ø62	150	114	0.5	17.5	14.5	25716	23078
3227-88*	75-88mm	D (three points)	5µm	Ø87	150	114	0.5	17.5	14.5	26878	24120
3227-100*	87-100mm	D (three points)	5µm	Ø87	150	114	0.5	17.5	14.5	27952	25083

extension rods are included



setting rings are included



Set

Code	Range	Micrometers included	Setting ring (included)	Extension rod (included)	List Price (₹)	Promotion Price (₹)
3227-123*	6-12mm	6-8mm, 8-10mm, 10-12mm	Ø6mm, Ø8mm, Ø10mm	100mm	46644	41857
3227-202*	12-20mm	12-16mm, 16-20mm	Ø16mm	150mm	23443	21038
3227-504*	20-50mm	20-25mm, 25-30mm, 30-40mm, 40-50mm	Ø25mm, Ø40mm	150mm	66933	60065
3227-1004*	50-100mm	50-63mm, 62-75mm, 75-88mm, 87-100mm	Ø62mm, Ø87mm	150mm	89546	80356

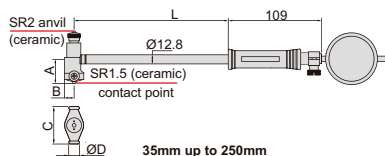
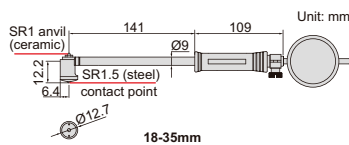


3227-504

*Supplied with manufacturer inspection certificate

BORE GAGES

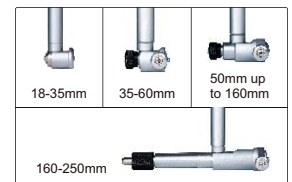
ATTENTION: NOT SUITABLE FOR 0.001MM DIAL INDICATORS



3222-35A

- Repeatability: 0.003mm
- Optional accessory: setting ring (code 6312), long handle (code 7351), bore gage setter

Range	A	B	C	ØD	L
35-60mm	22	9	27	13	141
50-160mm	26	9	35	13	141
160-250mm	56.5	13	74.5	15	241



With dial indicator

Code	Range	Indicator	Accuracy	List Price (₹)	Promotion Price (₹)
2322-35A	18-35mm	dial indicator, range 10mm, graduation 0.01mm (code 2308-10FA)	±0.015mm	6815	5324
2322-60A	35-60mm		±0.018mm	6807	5324
2322-160A	50-160mm		±0.018mm	7075	5527
2322-250A	160-250mm		±0.018mm	9587	7767

BORE GAGE SETS

- Repeatability: 0.003mm
- Optional accessory: setting ring (code 6312), bore gage setter, long handle (code 7351)

packaging (code 2824-S3)



ATTENTION: NOT SUITABLE FOR 0.001MM DIAL INDICATORS

With dial indicator

Code	Range	Indicator	Bore gages included	Accuracy	List Price (₹)	Promotion Price (₹)
2824-S160	35-160mm	dial indicator, code 2308-10FA, range 10mm, graduation 0.01mm	① 35-50mm (dial indicator and handle are not included) ② 50-160mm	35-50mm ±0.018mm 50-160mm ±0.018mm	10282	7843
2824-S3	18-160mm		① 18-35mm ② 35-60mm (dial indicator is not included) ③ 50-160mm (dial indicator is not included)	18-35mm ±0.015mm 35-60mm ±0.018mm 50-160mm ±0.018mm	17915	12792



2824-S160

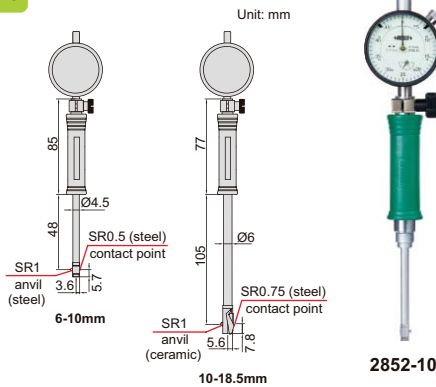
2824-S3

BORE GAGES FOR SMALL HOLES

ATTENTION: NOT SUITABLE FOR 0.001MM DIAL INDICATORS



- Accuracy: ±0.012mm
- Repeatability: 0.003mm
- Optional accessory: setting ring (code 6312)



2852-10

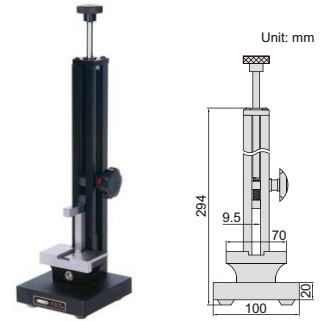
With dial indicator

Code	Range	Indicator	List Price (₹)	Promotion Price (₹)
2852-10	6-10mm	dial indicator, range 3mm, graduation 0.01mm (code 2311-3F)	9226	7032
2852-18	10-18.5mm		8322	6545

BORE GAGE SETTER



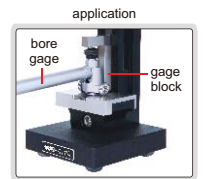
- Vertical and horizontal use
- To be used with gage blocks
- With gage block set



7353-160

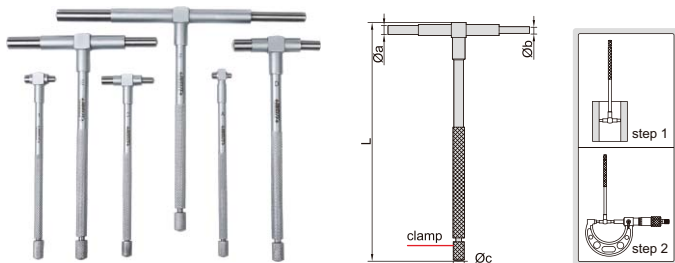
Gage block set for 7353-160

Blocks per set	Size (mm)	Step (mm)	Quantity	Remark
33	1.005	0.01	1 pc	grade 2 (ISO3650)
	1.01-1.09		9 pcs	
	1.1-1.9		9 pcs	
	1-9	10	1	
	10-30		3 pcs	
	50	1 pc		
	100	1 pc		



Code	Range	Repeatability	List Price (₹)	Promotion Price (₹)
7353-160	0-160mm	1.2µm	26975	24537

TELESCOPING GAGE SET



4206-1

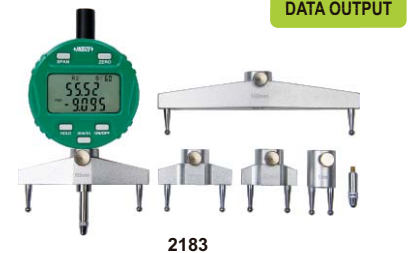
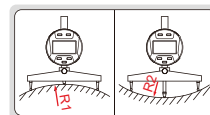
- 6 gages per set
- For quick measurement of inside diameter of holes and width of slots
- Satin chrome finish

Range	L	Øa	Øb	Øc
8-12.7mm	115	3.9	2.9	6.2
12.7-19mm	115	5.3	3.8	6.2
19-32mm	115	5.3	3.8	6.2
32-54mm	137	7.6	6.1	7.2
54-90mm	137	7.6	6.1	7.2
90-150mm	137	7.6	6.1	7.2

Code	Total range	Gages included	List Price (₹)	Promotion Price (₹)
4206-1	8-150mm	8-12.7mm, 12.7-19mm, 19-32mm, 32-54mm, 54-90mm, 90-150mm	1734	1471

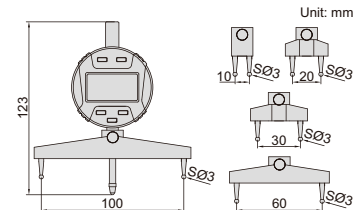
DIGITAL RADIUS GAGE (LOW ACCURACY)

ATTENTION: NO DATA OUTPUT



2183

- Resolution: 0.005mm/0.00005"
- Buttons: on/off, hold, mm/inch, s (select jaws), zero
- Measure radius of internal or external arcs
- Display can be rotated by 320°
- Supplied with 5 jaws for different sizes of arc
- Battery CR2032
- Automatic power off



Code	Range of external radius (R1)	Range of internal radius (R2)	Accuracy (mm)	List Price (₹)	Promotion Price (₹)
2183	5-910mm/0.2-35.83"	7-910mm/0.3-35.83"	±0.01R*	17201	16685

*R is the radius to be measured

DIGITAL RADIUS GAGE



- Measure radius of external arc, arc angle of measured surface should be larger than 60°
- Display radius value, no need to calculate
- Button function: on/off, zero, data preset, inch/mm
- Keep preset data in memory after restart
- CR2032 battery, automatic power off
- Data output
- Stainless steel base
- Supplied with pin gage for zero setting
- Optional accessory: data output cable (code 7315-50M, 7302-40M)



Code	Range (radius)	Resolution	Accuracy	List Price (₹)	Promotion Price (₹)
2188-55	4-53mm/0.16-2.09"	0.01mm/0.0005"	±0.02mm	17199	15789

HIGH PRECISION DIGITAL INDICATORS

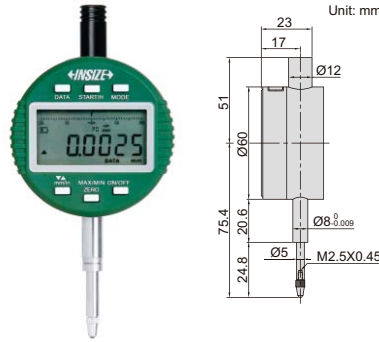
ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

ATTENTION: RECHARGEABLE BATTERY, FOR 24 HOURS CONTINUOUS WORKING

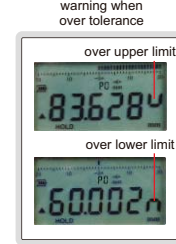
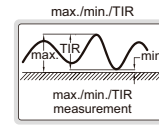
DATA OUTPUT

LINEAR BALL BEARINGS FOR TEN MILLION TIMES USE

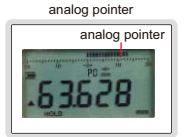
- Range: 12.7mm/0.5"
- Linear ball bearings for ten million times use
- Absolutely encoder, the original data remains after power off
- Reading in digital and analog
- Data output, with flat back
- Button function: data output, tolerance, data preset, data hold, measuring direction change, max./min./TIR, power off time, on/off, mm/inch, adjust resolution
- Power: rechargeable battery, for 24 hours continuous working
- Optional accessory: contact points, wireless transmitter, code 7315-60
- data output cable (keyboard format), code 7302-60,
- data output cable (serial port format), code 7305-G60, (cable length 3m, optional cable length maximum 15m; RS232 protocol, optional RS485 protocol)



2133-10



INSPECTION CERTIFICATE TRACEABLE TO NIST



Low precision

Carbide probe
Adjustable resolution: 0.0005mm/0.00002"
0.001mm/0.00005"
0.01mm/0.0005"

Code	Accuracy	Hysteresis	List Price (₹)	Promotion Price (₹)
2133-10*	3µm	1.5µm	13970	13272

*Supplied with manufacturer inspection certificate traceable to NIST USA

High precision

Ruby probe
Adjustable resolution: 0.0002mm/0.00001"
0.001mm/0.00005"
0.01mm/0.0005"

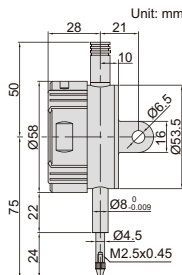
Code	Accuracy	Hysteresis	List Price (₹)	Promotion Price (₹)
2133-101*	1.5µm	1µm	23096	21941

DIGITAL INDICATORS (ADVANCED TYPE)

INSPECTION CERTIFICATE TRACEABLE TO NIST

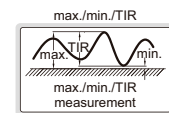
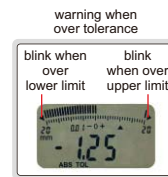
DATA OUTPUT

spindle lift knob is included



2103-10

- Range: 12.7mm/0.5"
- Reading in digital and analog
- Display can be rotated by 320°
- Button function: tolerance Go and No-Go display, data preset, measuring direction change, max./min./TIR measurement, inch/metric conversion, absolute/incremental measurement
- Keep preset data and tolerance data in memory after restart
- CR2032 battery, automatic power off
- Data output, with lug back
- Optional accessory: data output cable (code 7315-50M, 7302-40M, 7305-40M), backs, contact points



Code	Resolution	Accuracy	Hysteresis	List Price (₹)	Promotion Price (₹)
2103-10*	0.001mm/0.00005"	5µm	2µm	13170	11204
2104-10*	0.01mm/0.0005"	20µm	10µm	6136	5529

*Supplied with manufacturer inspection certificate traceable to NIST USA

**DIGITAL INDICATORS
(STANDARD TYPE)**

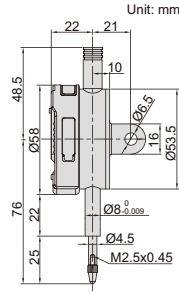
DATA
OUTPUT

INSPECTION
CERTIFICATE
TRACEABLE TO NIST

spindle lift knob
is included



2112-10



- Range: 12.7mm/0.5"
- Button function: on/off, inch/mm, zero, data preset, change measuring direction, absolute/incremental measurement
- Keep preset data in memory after restart
- CR2032 battery, automatic power off
- Data output
- Optional accessory: data output cable (code 7315-50M, 7302-40M, 7305-40M), backs, contact points

Code	Resolution	Accuracy	Hysteresis	List Price (₹)	Promotion Price (₹)
2112-10*	0.01mm/0.0005"	20µm	10µm	4110	3325
2112-101*	0.001mm/0.00005"	5µm	2µm	9987	7730

*Supplied with manufacturer inspection certificate traceable to NIST USA

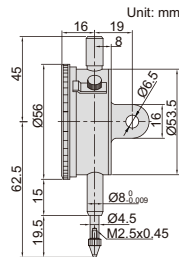
PRECISION DIAL INDICATOR

JEWELLED
BEARING

INSPECTION
CERTIFICATE
TRACEABLE TO NIST



2313-1A



- Graduation: 0.001mm
- Hysteresis: 2µm
- Jeweled bearing
- With lug back
- Supplied with limit pointers and bezel clamp
- Optional accessory: backs, contact points

Code	Range	Accuracy	Range/rev	Dial reading	List Price (₹)	Promotion Price (₹)
2313-1A*	1mm	5µm	0.2mm	0-100-0	4718	4148

*Supplied with manufacturer inspection certificate traceable to NIST USA

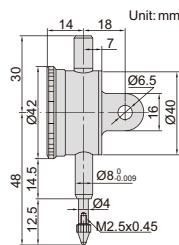
COMPACT DIAL INDICATOR

JEWELLED
BEARING

INSPECTION
CERTIFICATE
TRACEABLE TO NIST



2311-5



- Hysteresis: 3µm
- Range/rev: 0.5mm
- Dial reading: 0-50
- Meet DIN878
- Jeweled bearing
- With lug back
- Supplied with limit pointers and bezel clamp
- Optional accessory: backs, contact points

Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
2311-5*	5mm	0.01mm	14µm	2237	2013

*Supplied with manufacturer inspection certificate traceable to NIST USA

SHOCKPROOF DIAL INDICATOR

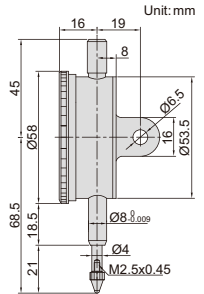
SHOCK
PROOF

JEWELLED
BEARING

INSPECTION
CERTIFICATE
TRACEABLE TO NIST



2314-10A



- Graduation: 0.01mm
- Dial reading: 0-100
- Meet DIN878
- Shockproof
- Jeweled bearing
- Supplied with limit pointers and bezel clamp
- With lug back
- Optional accessory: backs, contact points

Code	Range	Accuracy	Hysteresis	Range/rev	List Price (₹)	Promotion Price (₹)
2314-10A*	10mm	17µm	3µm	1mm	2227	2160

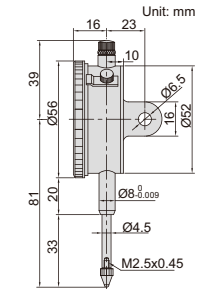
*Supplied with manufacturer inspection certificate traceable to NIST USA

**DIAL INDICATOR (LONG STROKE,
BASIC TYPE)**

INSPECTION
CERTIFICATE
TRACEABLE TO NIST



2302-25



- Graduation: 0.01mm
- Range/rev: 1mm
- Dial reading: 0-100
- Hysteresis: 7µm
- Lug back with spare flat back
- Supplied with limit pointers and bezel clamp
- Packed in carton box
- Optional accessory: backs, contact points

Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
2302-25*	25mm	35µm	2753	2163

*Supplied with manufacturer inspection certificate traceable to NIST USA

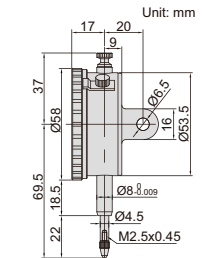


DIAL INDICATOR (BASIC TYPE)

INSPECTION
CERTIFICATE
TRACEABLE TO NIST



2301-10



- Graduation: 0.01mm
- Range/rev: 1mm
- Accuracy: 17µm
- Dial reading: 0-100
- Meet DIN878
- Jeweled bearing
- Lug back with spare flat back
- Supplied with limit hands and bezel clamp
- Packed in carton box
- Optional accessory: backs, contact points

Code	Range	Hysteresis	List Price (₹)	Promotion Price (₹)
2301-10*	10mm	3µm	1446	1276

*Supplied with manufacturer inspection certificate traceable to NIST USA



DIAL TEST INDICATORS

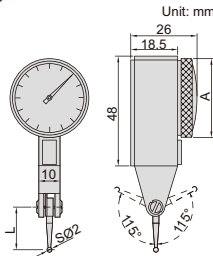
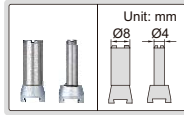


2380-08

JEWELLED BEARING

- Meet DIN2270 (except 2380-02, 2381-02)
- Jeweled bearing
- Carbide contact point
- Two measuring directions
- Anti magnetic body
- Supplied with two clamps: diameter Ø4mm and Ø8mm
- Optional accessory: styli

clamps are included



Graduation: 0.01mm

(mm)

Code	Range	Accuracy	Hysteresis	Dial reading	A	L	List Price (₹)	Promotion Price (₹)
2380-08*	0.8mm	13µm	3µm	0-40-0	Ø30	13.5	2749	2359
2381-08*	0.8mm	13µm	3µm	0-40-0	Ø37	13.5	3005	2608

Graduation: 0.002mm

(mm)

Code	Range	Accuracy	Hysteresis	Dial reading	A	L	List Price (₹)	Promotion Price (₹)
2380-02*	0.2mm	6µm	2µm	0-100-0	Ø30	12.5	4956	4708

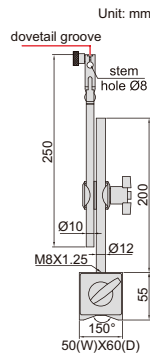
*Supplied with manufacturer inspection certificate traceable to NIST USA

MAGNETIC STAND



6216-80

- For digital/dial indicators and dial test indicators
- With fine adjustment and dovetail groove

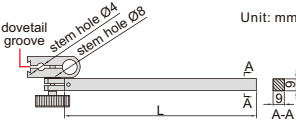


Code	Magnetic force	Applicable holding stem	List Price (₹)	Promotion Price (₹)
6216-80	80kgf	Ø8mm	2720	2662

DIAL TEST INDICATOR HOLDER

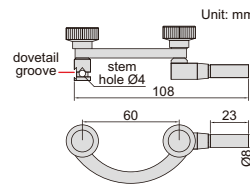


6293-1



Code	Stem section	Stem length (L)	List Price (₹)	Promotion Price (₹)
6293-1	9x9mm	100mm	721	649

DIAL TEST INDICATOR CENTERING HOLDER



6291-1

- Center cylinders or holes on machine tools

Code	List Price (₹)	Promotion Price (₹)
6291-1	810	662



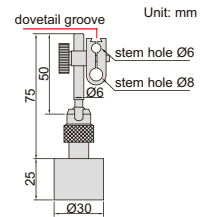
MINI MAGNETIC STAND

ATTENTION: FOR DIAL TEST INDICATORS ONLY



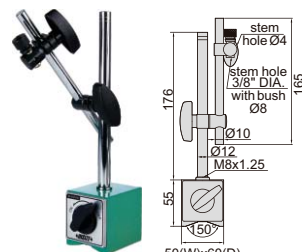
6211-10

- For dial test indicators
- With dovetail groove
- Applicable holding stem: Ø6mm, Ø8mm

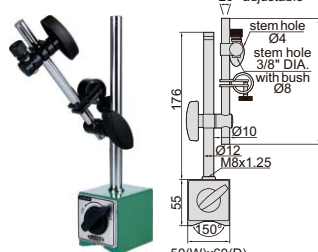


Code	Magnetic force	List Price (₹)	Promotion Price (₹)
6211-10	10kgf	2008	1608

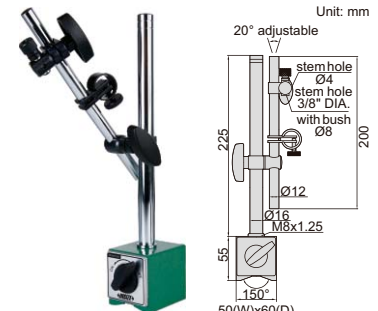
MAGNETIC STANDS



6200-60



6201-60



6202-80

- Applicable holding stem: Ø8mm, Ø4mm, 3/8" DIA.
- For digital/dial indicators and dial test indicators

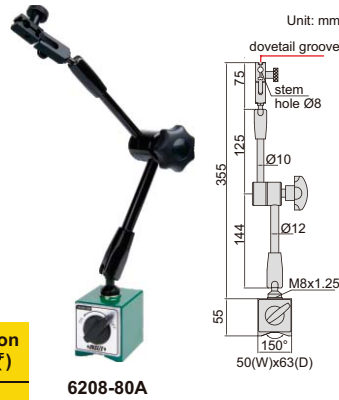
Code	Magnetic force	Remark	List Price (₹)	Promotion Price (₹)
6200-60	60kgf	without fine adjustment	1140	1017
6201-60	60kgf	with fine adjustment	1056	970
6202-80	80kgf	with fine adjustment	2062	1501

UNIVERSAL MAGNETIC STAND (ECONOMIC TYPE)

ATTENTION: LOW LOCKING FORCE

- Applicable holding stem: Ø8mm
- For digital/dial indicators and dial test indicators
- With fine adjustment and dovetail groove

Code	Magnetic force	List Price (₹)	Promotion Price (₹)
6208-80A	80kgf	2682	2281

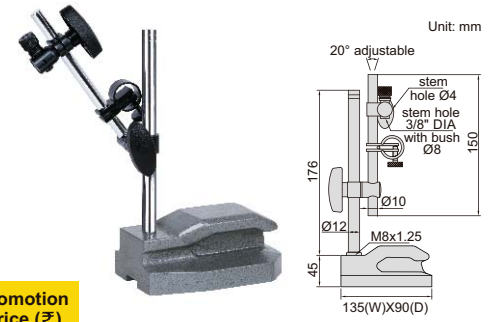


6208-80A

DIAL INDICATOR STAND

- Applicable holding stem: Ø8mm, Ø4mm, 3/8" DIA
- Hardend base
- Suitable for granite surface plates or cast iron surface plates
- For digital/dial indicators and dial test indicators
- With fine adjustment

Code	List Price (₹)	Promotion Price (₹)
6226-60	3121	2809

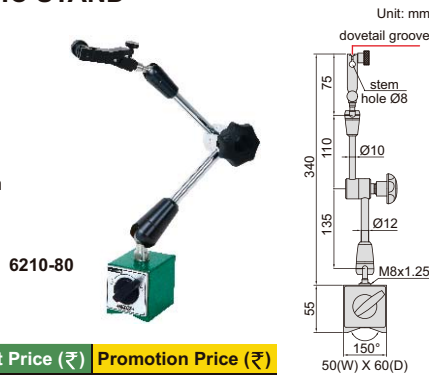


6226-60

UNIVERSAL MAGNETIC STAND

- Applicable holding stem: Ø8mm
- For digital/dial indicators and dial test indicators
- With fine adjustment and dovetail groove

Code	Magnetic force	List Price (₹)	Promotion Price (₹)
6210-80	80kgf	5277	4859

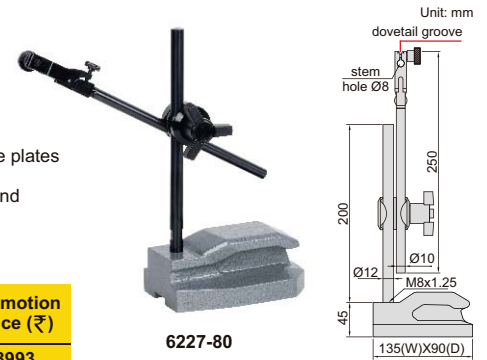


6210-80

DIAL INDICATOR STAND

- Applicable holding stem: Ø8mm
- Hardend base
- Suitable for granite surface plates or cast iron surface plates
- For digital/dial indicators and dial test indicators
- With fine adjustment and dovetail groove

Code	List Price (₹)	Promotion Price (₹)
6227-80	4437	3993

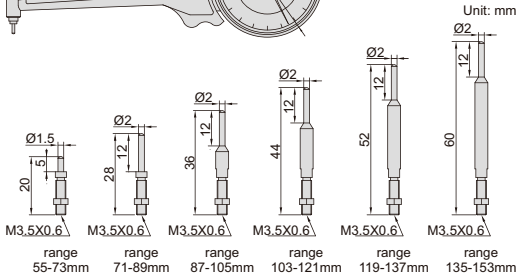
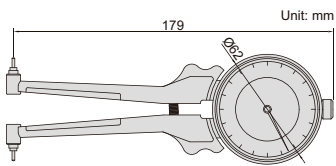


6227-80

INTERNAL DIAL CALIPER GAGE WITH INTERCHANGEABLE POINTS



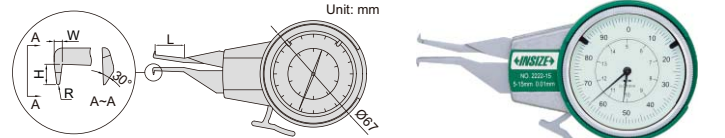
2223-153



- Dial indicator range: 2mm
- Supplied with 6 pairs of points

Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
2223-153	55-153mm	0.01mm	±0.02mm	11431	10494

INTERNAL DIAL CALIPER GAGES



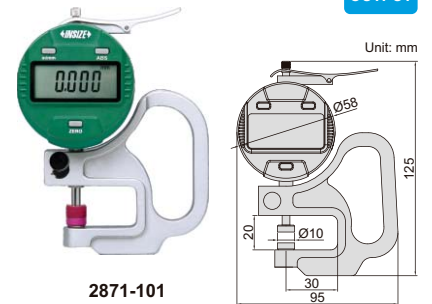
2222-15

- Graduation: 0.01mm
- Accuracy: ±0.03mm

Code	Range	L	H	W	R	List Price (₹)	Promotion Price (₹)
2222-15	5-15mm	20	2	1.5	R0.3	10445	8828
2222-25	5-25mm	35	1.5	1.0	R0.3	11328	9575
2222-301	10-30mm	55	5.5	2.5	R0.5	12506	10572

DIGITAL THICKNESS GAGES

- Ceramic spindle tip and anvil
- Button function: on/off, inch/mm, zero, data preset, change measuring direction, absolute/incremental measurement
- Keep preset data in memory after restart
- CR2032 battery
- Automatic power off
- Data output
- Optional accessory: data output cable (code 7315-50M, 7302-50M)



2871-101

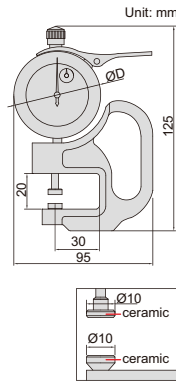
Code	Range	Resolution	Accuracy	List Price (₹)	Promotion Price (₹)
2871-10	0-10mm/0-0.4"	0.01mm/0.0005"	±0.02mm	6049	5753
2871-101	0-10mm/0-0.4"	0.001mm/0.00005"	±0.005mm	13116	11251

THICKNESS GAGES



2364-10

2364-1

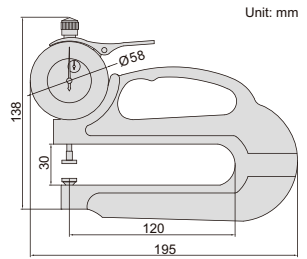


Code	Range	Graduation	Accuracy	ØD	List Price (₹)	Promotion Price (₹)
2364-10	0-10mm	0.01mm	±0.02mm	58mm	3505	3240
2364-1	0-1mm	0.001mm	±0.005mm	56mm	6514	6047

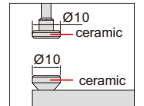
THICKNESS GAGE



2365-10



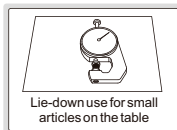
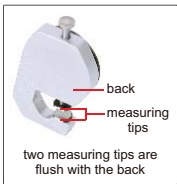
measuring tips and anvils can be custom-made



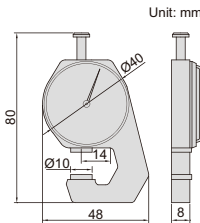
Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
2365-10	0-10mm	0.01mm	±0.02mm	5663	5380

THICKNESS GAGE

SUITABLE FOR JEWELLERY



2361-10



Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
2361-10	0-10mm	0.1mm	±0.05mm	2126	1913

DIGITAL 3-PURPOSE SNAP GAGE

ATTENTION: NO DATA OUTPUT

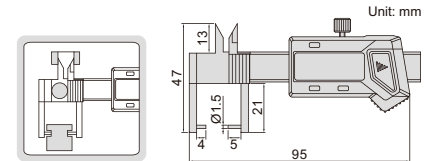
SUITABLE FOR JEWELLERY



2164-25A

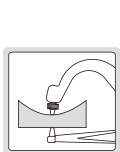


- Resolution: 0.01mm/0.0005"
- Buttons: zero, mm/inch, on/off
- Battery LR44
- Made of stainless steel

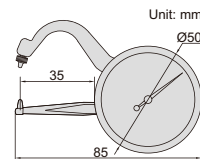


Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
2164-25A	0-25mm/0-1"	±0.03mm	9338	8404

THICKNESS GAGE



2862-101



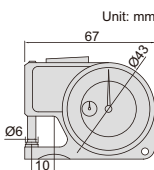
Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
2862-101	0-10mm	0.05mm	±0.1mm	3050	2397

THICKNESS GAGE

- Stainless steel spindle tip and anvil



2363-10

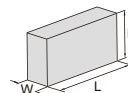


Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
2363-10	0-10mm	0.01mm	±0.03mm	4041	3637

MICROMETER INSPECTION GAGE BLOCK SET

INSPECTION CERTIFICATE

- Meet ISO3650/grade 0
- One piece of optical flat is included (size Ø30x12mm)
- Supplied with manufacturer inspection certificate



Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm



4160-10



optical flat (included)



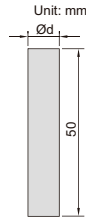
Code	Material	Gage blocks included in set	Applicable micrometer	List Price (₹)	Promotion Price (₹)
4160-10	alloy steel	2.5mm, 5.1mm, 7.7mm, 10.3mm, 12.9mm, 15mm, 17.6mm, 20.2mm, 22.8mm, 25mm	0-25mm	29182	26263

PIN GAGE SETS

- Meet DIN2267, grade 1
- Made of alloy steel
- Hardness HRC62-65
- Diameter accuracy: ±1µm



4166-6D



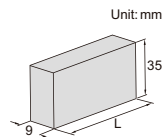
Code	Diameter Ød (mm)	Step	Pin gages per set	List Price (₹)	Promotion Price (₹)
4166-411	1.0, 1.1, 1.2, ... 5.0	0.1mm	41	10232	8059
4166-511	5.0, 5.1, 5.2, ... 10.0	0.1mm	51	13897	10946

Code	Diameter Ød (mm)	Step	Pin gages per set	List Price (₹)	Promotion Price (₹)
4166-0D	0.20, 0.21, 0.22, ... 0.50	0.01mm	31	9990	7869
4166-1	0.50, 0.51, 0.52, ... 1.00	0.01mm	51	15505	12213
4166-1D	1.00, 1.01, 1.02, ... 1.50	0.01mm	51	15505	12213
4166-2	1.50, 1.51, 1.52, ... 2.00	0.01mm	51	15505	12213
4166-2D	2.00, 2.01, 2.02, ... 2.50	0.01mm	51	15505	12213
4166-3	2.50, 2.51, 2.52, ... 3.00	0.01mm	51	15505	12213
4166-3D	3.00, 3.01, 3.02, ... 3.50	0.01mm	51	15505	12213
4166-4	3.50, 3.51, 3.52, ... 4.00	0.01mm	51	15505	12213
4166-4D	4.00, 4.01, 4.02, ... 4.50	0.01mm	51	15505	12213
4166-5	4.50, 4.51, 4.52, ... 5.00	0.01mm	51	15505	12213
4166-5D	5.00, 5.01, 5.02, ... 5.50	0.01mm	51	15505	12213
4166-6	5.50, 5.51, 5.52, ... 6.00	0.01mm	51	15505	12213
4166-6D	6.00, 6.01, 6.02, ... 6.50	0.01mm	51	15505	12213
4166-7	6.50, 6.51, 6.52, ... 7.00	0.01mm	51	15505	12213
4166-7D	7.00, 7.01, 7.02, ... 7.50	0.01mm	51	15505	12213
4166-8	7.50, 7.51, 7.52, ... 8.00	0.01mm	51	15505	12213
4166-8D	8.00, 8.01, 8.02, ... 8.50	0.01mm	51	15505	12213
4166-9	8.50, 8.51, 8.52, ... 9.00	0.01mm	51	15523	12228
4166-9D	9.00, 9.01, 9.02, ... 9.50	0.01mm	51	16412	12928
4166-10	9.50, 9.51, 9.52, ... 10.00	0.01mm	51	16466	12969

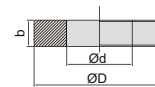
CALIPER INSPECTION GAGE BLOCK AND SETTING RING SET



4176-30



- Gage blocks meet ISO3650/grade 2
- Rings meet DIN2250-1:2008
- Supplied with manufacturer inspection certificate



Setting ring sizes:

Diameter (Ød) *	b	ØD
Ø4mm	5mm	22mm
Ø25mm	14mm	53mm

* The size of the setting ring when supplied may have deviation.
For example, the ordered size is Ø25mm, the size when supplied may be 24.996mm

(mm)

Code	Material	Gage blocks included in set (L)	Setting rings included in set (Ød)	Applicable calipers	List Price (₹)	Promotion Price (₹)
4176-30	alloy steel	30, 41.3, 131.4	4, 25	0-150	11310	10382

STEEL GAGE BLOCK SETS



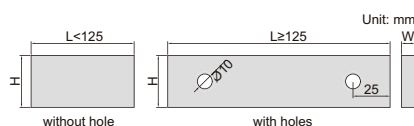
- Made of alloy steel
- Meet ISO3650
- Gage blocks ≥125mm have clamping holes
- Supplied with manufacturer inspection certificate



4100-283

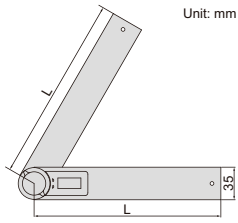
Dimension:

Size (L)	W	H
0.5 ≤ L ≤ 10mm	9mm	30mm
L > 10mm	9mm	35mm



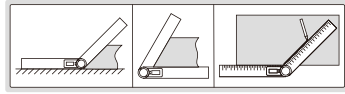
Blocks per set	Gage blocks included in set			Code	List Price (₹)	Promotion Price (₹)	Code	List Price (₹)	Promotion Price (₹)
	Size (mm)	Step (mm)	Quantity						
112	1.0005	0.001	1	4100-2112	28777	21823	4100-1112	51967	42935
	1.001-1.009		9						
	1.01-1.49		49						
	0.5-24.5		49						
87	25-100	4	4100-287	18682	15815	4100-187	34721	28687	
	1.001-1.009	9							
	1.01-1.49	49							
	0.5-9.5	19							
83	10-100	10	4100-283	18142	12229	4100-183	30234	25904	
	0.5	1							
	1	1							
	1.005	1							
34	1.01-1.49	49	4100-234	8693	6124	4100-134	16079	12299	
	1.5-1.9	5							
	2-9.5	16							
	10-100	10							
	1.0005	1							
	1.001-1.009	9							
1.01-1.09	9								
1.1-1.9	9								
1-5	5								
10	1								

DIGITAL PROTRACTORS



2176-200

- Accuracy: $\pm 0.3^\circ$
- Buttons: on/off, zero
- With clamping screw to lock the blades
- Graduation of blade: 1mm and 1/32"
- Made of stainless steel
- CR2032 battery, automatic power off

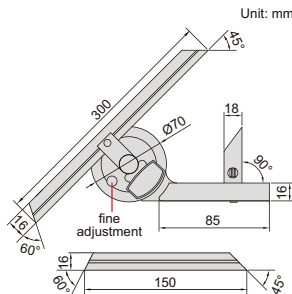


Code	Size (L)	Range	Resolution	List Price (₹)	Promotion Price (₹)
2176-200	200mm	0-360°	0.1°	2128	1636
2176-300	300mm	0-360°	0.1°	2445	1879

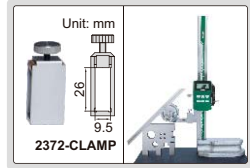
UNIVERSAL PROTRACTOR



2372-360



clamp for height gages (optional)



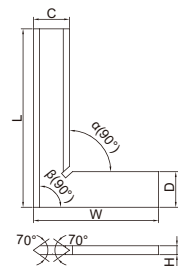
- Parallax-free reading
- Made of stainless steel
- Optional accessory: clamp (code 2372-CLAMP), suitable for height gages 1156, 1351 and 1250

Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
2372-360	0-360°	5'	$\pm 5'$	4900	4244

90° BEVELED EDGE SQUARES



4790-0100

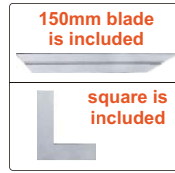


- Meet DIN875, grade 00
- Satin chrome plating
- Beveled edges for inside and outside measurement
- Made of hardened stainless steel

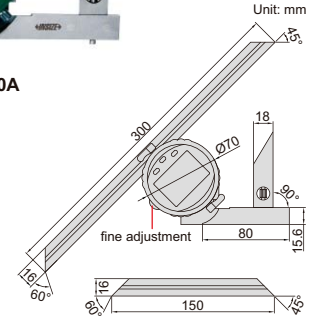
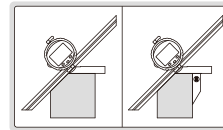
Code	Size (LxW)	Squareness		C	D	H	List Price (₹)	Promotion Price (₹)
		Inside (α)	Outside (β)					
4790-0100	100x70mm	2.8 μ m	3.0 μ m	20	20	5	2456	2227
4790-0150	150x100mm	3.2 μ m	3.5 μ m	30	30	6	4204	3891

DIGITAL PROTRACTOR

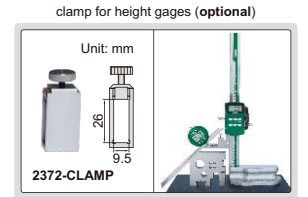
DATA OUTPUT



2172-360A



- Display in degree (for example 32.655°) and degree/minute/second (for example 32°39'30")
- SET button: preset the reading, change measuring direction
- MODE button: choose 0~90°, 0~180° or 0~360° display
- ZERO/ON/OFF button: zero and power on/off
- Battery CR2032, automatic power off
- Data output
- Supplied with square to set 90°
- Made of stainless steel
- Optional accessory: data output cable (code 7315-50, 7302-SPC3B), clamp (code 2372-CLAMP), suitable for height gages 1156, 1351 and 1250



Code	Range	Resolution	Accuracy	List Price (₹)	Promotion Price (₹)
2172-360A	0-360°	10"/0.005°	$\pm 5'$	21540	17211

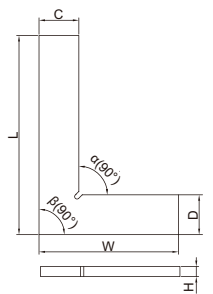
MACHINIST SQUARES (ECONOMIC TYPE)

ATTENTION: NO ANTI-RUST TREATMENT, NOT HARDEND

ATTENTION: LOW ACCURACY



4796-150



- DIN875 grade 2
- Made of carbon steel, no anti-rust treatment, not hardend

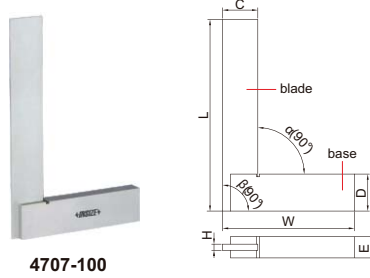
Code	Size (LxW)	Squareness		C	D	H	List Price (₹)	Promotion Price (₹)
		Inside (α)	Outside (β)					
4796-50	50x30mm	24 μ m	25 μ m	12	12	3	747	648
4796-75	75x50mm	26 μ m	28 μ m	16	16	3	756	617
4796-100	100x70mm	28 μ m	30 μ m	19	19	5	824	673
4796-125	125x80mm	30 μ m	33 μ m	22	22	5	935	763
4796-150	150x100mm	33 μ m	35 μ m	25	25	6	1117	911
4796-200	200x130mm	38 μ m	40 μ m	25	25	6	1321	1077
4796-250	250x165mm	43 μ m	45 μ m	25	25	6	1957	1597
4796-300	300x200mm	47 μ m	50 μ m	30	30	6	2726	2224
4796-350	350x200mm	51 μ m	55 μ m	38	38	6	4254	3471
4796-400	400x200mm	56 μ m	60 μ m	38	38	9	4527	3925
4796-450	450x250mm	58 μ m	65 μ m	38	38	9	6247	5416
4796-500	500x300mm	69 μ m	70 μ m	38	38	9	7157	6205

MACHINIST SQUARES WITH WIDE BASE (ECONOMIC TYPE)

ATTENTION:
LOW ACCURACY

ATTENTION: NO ANTI-RUST
TREATMENT, NOT HARDEND

- DIN875 grade 2
- Made of carbon steel, no anti-rust treatment, not hardend

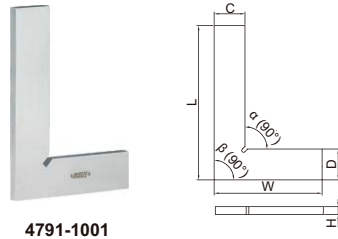


4707-100

Code	Size (LxW)	Squareness		C	D	H	E	List Price (₹)	Promotion Price (₹)
		Inside (α)	Outside (β)						
4707-50	50x40mm	24μm	25μm	16	12	3	9	673	606
4707-100	100x70mm	28μm	30μm	19	19	3	12	857	771
4707-150	150x100mm	33μm	35μm	25	25	3	16	1174	1057
4707-250	250x165mm	42μm	45μm	30	32	4	19	1595	1436
4707-300	300x200mm	47μm	50μm	32	32	4	19	2786	2647
4707-400	400x250mm	56μm	60μm	38	38	5	22	4331	3898

90° FLAT EDGE SQUARES

- DIN875 grade 1
- Made of hardened stainless steel



4791-1001

Code	Size (LxW)	Squareness		C	D	H	List Price (₹)	Promotion Price (₹)
		Inside (α)	Outside (β)					
4791-501	50x40mm	12μm	13μm	15	15	4	547	546
4791-751	75x50mm	13μm	14μm	15	15	4	677	676
4791-1001	100x70mm	14μm	15μm	20	20	5	786	785
4791-1501	150x100mm	16μm	18μm	30	30	6	996	995
4791-2001	200x130mm	19μm	20μm	30	30	6	1608	1607

MAGNALIUM STRAIGHT EDGES

- Made of magnalium, light weight, non-deform, no rusty



4180-1500

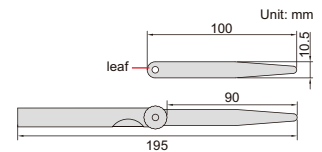
Code	Length (L)	Flatness of A and B	Parallelism between A and B	H	W	D	Weight	List Price (₹)	Promotion Price (₹)
4180-500	500mm	3μm	4μm	60mm	30mm	5mm	0.8kg	14778	12813
4180-1000	1000mm	5μm	8μm	60mm	30mm	5mm	1.5kg	30999	26876
4180-1500	1500mm	15μm	22μm	100mm	40mm	7mm	2.3kg	42393	36755
4180-2000	2000mm	18μm	27μm	100mm	40mm	7mm	6kg	56816	49259

FEELER GAGES

- Made of hardened alloy steel
- Meet DIN2275/grade TC1
- Accuracy: ±(3+T/80) μm, 'T' is the thickness of leaves in μm



4602-32



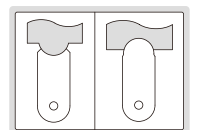
Code	Range	Thickness of leaves included (mm)	Quantity of leaves	List Price (₹)	Promotion Price (₹)
4602-17	0.02-1.00mm	0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.75, 1.00	17	329	278
4602-32	0.03-1.00mm	0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.13, 0.15, 0.18, 0.20, 0.23, 0.25, 0.28, 0.30, 0.33, 0.35, 0.38, 0.40, 0.45, 0.50, 0.55, 0.60, 0.63, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 1.00	32	504	377

RADIUS GAGES

- Made of medium carbon steel



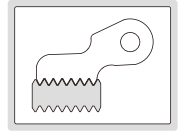
4801-17



Code	Range	Radius of leaves included (mm)	Quantity of leaves (internal+external)	List Price (₹)	Promotion Price (₹)
4801-17	1-7mm	1, 1.25, 1.5, 1.75, 2, 2.25, 2.5, 2.75, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7	17+17	718	603
4801-16	7.5-15mm	7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15	16+16	714	598
4801-15	15.5-25mm	15.5, 16, 16.5, 17, 17.5, 18, 18.5, 19, 19.5, 20, 21, 22, 23, 24, 25	15+15	726	618

PITCH GAGES

- Check the pitch of screw thread
- Made of medium carbon steel



4820-452

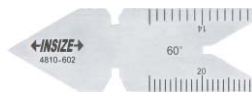
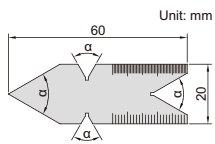
Metric 60° and Whitworth 55° screw

Code	Range	Pitch of leaves included	Quantity of leaves	List Price (₹)	Promotion Price (₹)
4820-452	0.25-6mm	0.25, 0.3, 0.35, 0.4, 0.45, 0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6mm	52	658	540
	4-62TPI	4, 4-1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40, 48, 60, 62TPI			

Metric 60° and Unified 60° screw

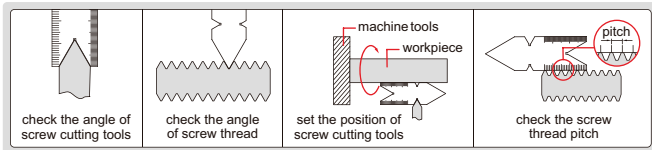
Code	Range	Pitch of leaves included	Quantity of leaves	List Price (₹)	Promotion Price (₹)
4820-552	0.4-7mm	0.4, 0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7mm	52	658	507
	4-42TPI	4, 4-1/2, 5, 5-1/2, 6, 7, 8, 9, 10, 11, 11-1/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42TPI			

CENTER GAGE



4810-602

- To check and set screw cutting tools, and check the angle and pitch of screw thread
- Angle accuracy: ±30min.
- Graduation: 14ths and 20ths on front side, 24ths and 32ths on back side
- Made of stainless steel

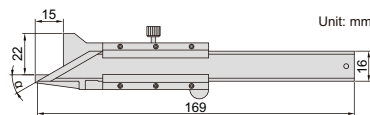


Code	Thread type	Angle (α)	List Price (₹)	Promotion Price (₹)
4810-602	UNIFIED 60°	60°	299	269

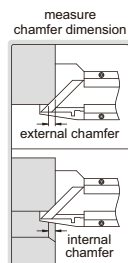
CHAMFER GAGES



1267-6

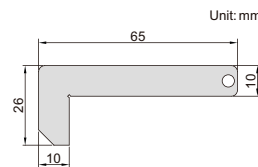


- Graduation: 0.02mm
- Measure 30°/45°/60° chamfer dimension
- Made of stainless steel
- Satin chrome plated reading surface

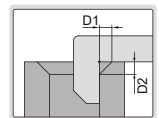
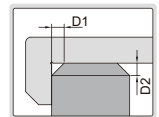


Code	Range	Accuracy	Chamfer (α)	List Price (₹)	Promotion Price (₹)
1267-6	0-10mm	±0.06mm	45°	5583	5025
1267-63	0-10mm	±0.06mm	30°	6765	6089
1267-66	0-10mm	±0.06mm	60°	6765	6089

CHAMFER GAGE



4844-1



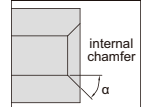
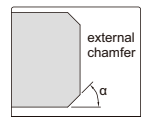
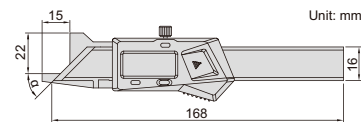
- To measure internal and external chamfers
- Made of stainless steel

Code	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4844-1	0.5mm	±0.25mm	395	356

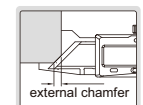
DIGITAL CHAMFER GAGES



1180-6



measure chamfer dimension



- Measure 30°/45°/60° chamfer dimension
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)

Code	Range	Accuracy	Chamfer (α)	List Price (₹)	Promotion Price (₹)
1180-6	0-10mm/0-0.39"	±0.06mm	45°	6495	6170
1180-63	0-10mm/0-0.39"	±0.06mm	30°	8747	7872
1180-66	0-10mm/0-0.39"	±0.06mm	60°	8747	7872

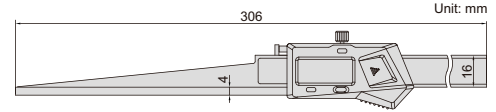
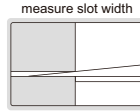
DIGITAL TAPER SLOT GAGE

DATA OUTPUT

ATTENTION: ACTUAL SLOT WIDTH IS 1/10 OF THE READING



1160-10



- Accuracy: $\pm 0.03\text{mm}$
- Measuring opening, slot width
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)

Code	Range	List Price (₹)	Promotion Price (₹)
1160-10	0.2-10mm/0.01-0.39"	19512	17561

TAPER SLOT GAGES



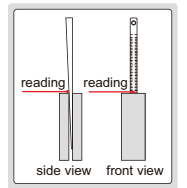
4630-1



(mm)

Code	Range	Graduation	Accuracy	L	a	b	List Price (₹)	Promotion Price (₹)
4630-3	0.4-6mm	0.05mm	$\pm 0.04\text{mm}$	164	12.5	6.5	2660	2394
4630-1	0.5-10mm	0.05mm	$\pm 0.07\text{mm}$	220	10	10.5	1996	1796
4630-2	0.5-15mm	0.1mm	$\pm 0.08\text{mm}$	184	12.5	16.5	3094	2785

- For quick measurement of slot width
- Satin chrome plated reading surface
- Made of stainless steel



TAPER GAGE SET

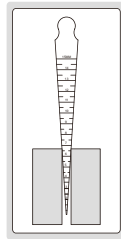


front

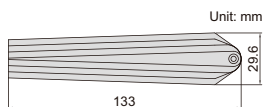
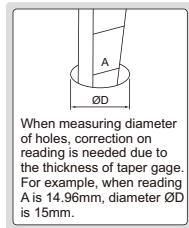
4837-1

back

measure slot width



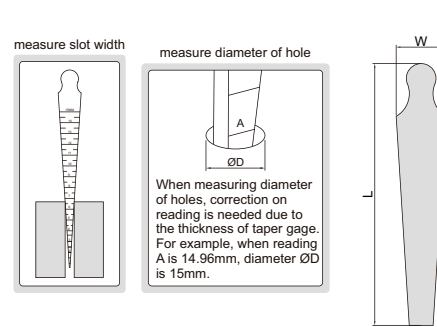
measure diameter of hole



- Include 4 pcs (1-8mm, 8-15mm, 15-22mm, 22-29mm)
- Measure opening, slot width, hole diameter, etc.
- Diameter correction table on the back
- Made of stainless steel

Code	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4837-1	1-29mm	0.05mm	$\pm 0.05\text{mm}$	2049	1463

TAPER GAGES



- Accuracy: $\pm 0.05\text{mm}$
- Graduation: 0.1mm
- Measure opening, slot width, hole diameter, etc.
- Diameter correction table on the back (only for 4833-1, 4833-2)
- Made of stainless steel



front

back

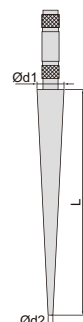
4833-2

Code	Range	L	W	List Price (₹)	Promotion Price (₹)
4833-1	0.8-15mm	146mm	17mm	536	382
4833-2	15-30mm	159mm	30.4mm	533	480
4833-3	30-45mm	166mm	45.4mm	675	608
4833-4	45-60mm	170mm	60.5mm	923	831

CONE BORE GAGES



4852-3



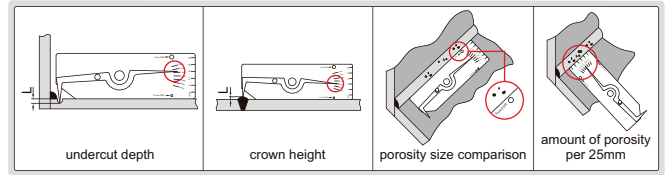
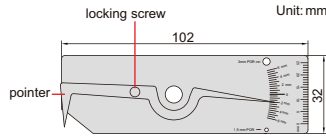
- Graduation: 0.1mm
- Accuracy: $\pm 0.05\text{mm}$
- Quick measurement of bore diameter
- Hardened steel, HRC50-58
- Satin chrome plated surface
- Aluminium oxidized handle

Code	Range	L	Ød1	Ød2	List Price (₹)	Promotion Price (₹)
4852-1	1-6.5mm	62.5	7	0.8	2487	2283
4852-3	3-16mm	143	17	2.8	2774	2547
4852-15	15-30mm	165	31	14.7	4263	3913

WELDING GAGE



4834-1



- Pointer can be locked for later reference
- Made of stainless steel

Code	Measurement	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4834-1	undercut depth	0-6mm	0.5mm	±0.5mm	1100	990
	crown height	0-6mm	0.5mm	±0.5mm		
	porosity size comparison	1.5mm, 3mm	—	±0.2mm		
	amount of porosity per 25mm	25mm	1mm	—		

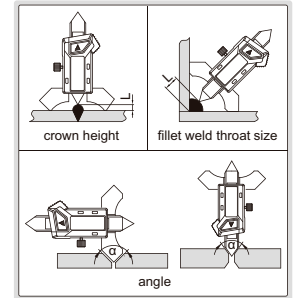
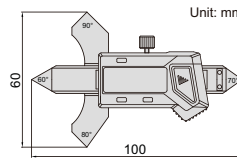
DIGITAL WELDING GAGE

ATTENTION: NO DATA OUTPUT

- Buttons: zero, mm/inch, on/off
- Battery LR44
- Made of stainless steel



4831-20A



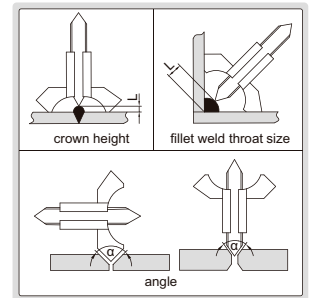
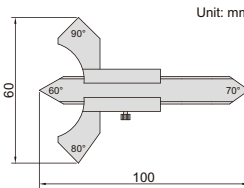
Code	Measurement	Range	Resolution	Accuracy	List Price (₹)	Promotion Price (₹)
4831-20A	crown height	0-7mm	0.01mm/0.0005"	±0.03mm	5395	4856
	fillet weld throat size	0-20mm	0.01mm/0.0005"	±0.1mm		
	angle	60°, 70°, 80°, 90°	—	±1°		

WELDING GAGE

- Made of stainless steel
- Satin chrome plated reading surface

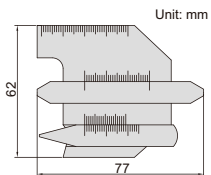


4830



Code	Measurement	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4830	crown height	0-8mm	0.1mm	±0.1mm	1417	1275
	fillet weld throat size	0-20mm	0.1mm	±0.3mm		
	angle	60°, 70°, 80°, 90°	—	±1°		

WELDING GAGE

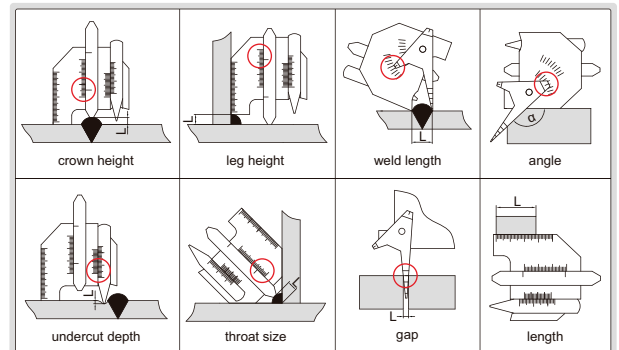


front

4838-1

back

- Made of stainless steel



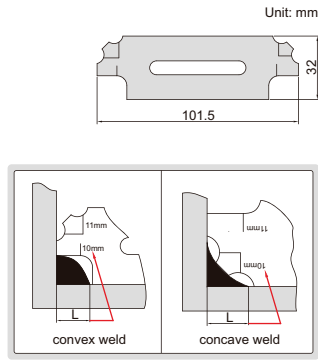
Code	Measurement	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4838-1	crown height	0-10mm	1mm	±0.5mm	2129	1722
	leg height	0-14mm	1mm	±0.5mm		
	undercut depth	0-5mm	0.05mm	±0.05mm		
	throat size	0-13mm	1mm	±0.5mm		
	weld length	0-40mm	1mm	±1mm		
	angle	90°-150°	5°	±1°		
	gap	0.5-5mm	1mm	±0.5mm		
	length	0-40mm	1mm	±0.5mm		

FILLET WELDING GAGE



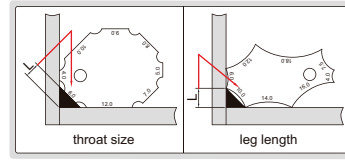
4836-1

- Measure concave and convex weld sizes
- 7 blades are included
- Made of stainless steel



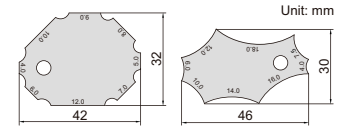
Code	Size (mm)	Accuracy	List Price (₹)	Promotion Price (₹)
4836-1	3, 4, 5, 6, 8, 9, 10, 11, 12, 14, 16, 19, 22, 25	±0.5mm	1546	1115

FILLET WELDING GAGE



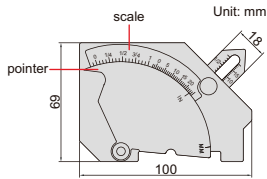
4832-1

- Accuracy: ±0.5mm
- Made of stainless steel
- Sizes marked on both faces



Code	Throat size	Leg length	List Price (₹)	Promotion Price (₹)
4832-1	4, 5, 6, 7, 8, 9, 10, 12mm	4, 6, 7.5, 10, 12, 14, 16, 18mm	654	437

WELDING GAGE



Unit: mm



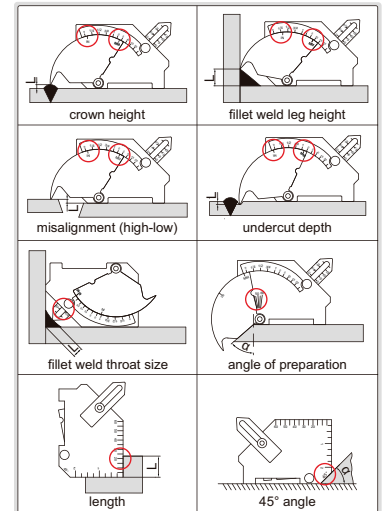
front

4835-1

back

- Adjustable scale to compensate pointer wear
- Made of stainless steel

Code	Measurement	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4835-1	crown height	0-25mm (0-1")	1mm (1/16")	±0.5mm	2144	1581
	fillet weld leg height	0-25mm (0-1")	1mm (1/16")	±0.5mm		
	misalignment (high-low)	0-25mm (0-1")	1mm (1/16")	±0.5mm		
	undercut depth	0-2mm (0-1/8")	1mm (1/16")	±0.5mm		
	fillet weld throat size	0-20mm (0-3/4")	1mm (1/16")	±0.5mm		
	angle of preparation	0-60°	5°	±1°		
	length	0-60mm (0-2")	1mm (1/16")	±0.5mm		
	45° angle	—	—	±1°		



PIPE WELDING GAGE

- Made of stainless steel

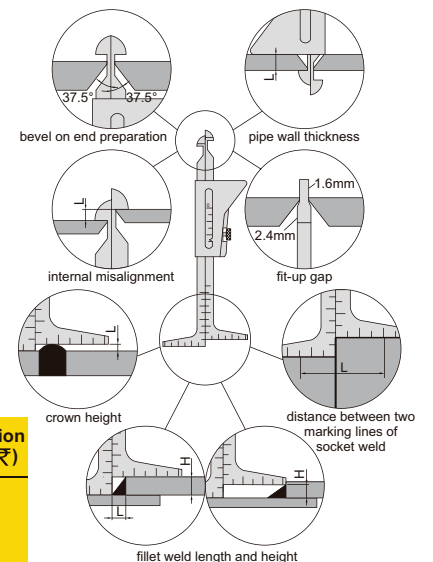


front

4839-1

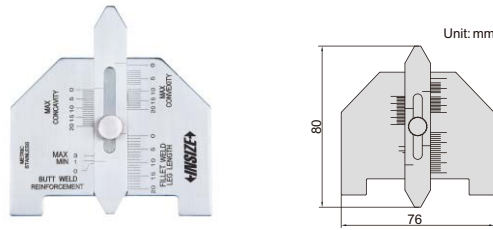
back

Code	Measurement	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4839-1	bevel on end preparation	37.5°	—	±1°	3086	2224
	pipe wall thickness	0-45mm (0~1-3/4")	1mm (1/16")	±0.5mm		
	internal misalignment	0-35mm (0~1-3/8")	1mm (1/32")	±0.5mm		
	fit-up gap	1.6mm, 2.4mm	—	±0.1mm		
	crown height	0-35mm (0~1-3/8")	1mm (1/32")	±0.5mm		
	distance between two marking lines of socket weld	0-60mm (0~2-3/8")	1mm (1/16")	±0.5mm		
	fillet weld length	0-30mm (0~1-1/4")	1mm (1/16")	±0.5mm		
	fillet weld height	0-35mm (0~1-3/8")	1mm (1/32")	±0.5mm		

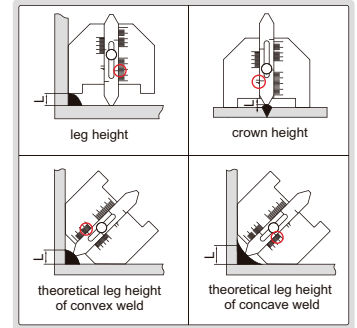


WELDING GAGE

- Accuracy: $\pm 0.5\text{mm}$
- Made of stainless steel



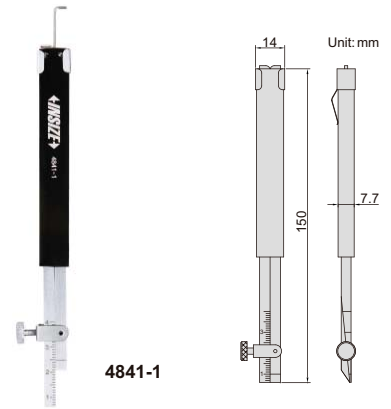
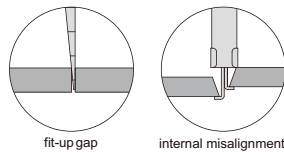
4851-1



Code	Measurement	Range	Graduation	List Price (₹)	Promotion Price (₹)
4851-1	leg height	0-20mm	1mm	1283	1155
	crown height	0-3mm	—		
	theoretical leg height of convex weld	0-20mm	1mm		
	theoretical leg height of concave weld	0-20mm	1mm		

PIPE WELDING GAGE

- Made of stainless steel

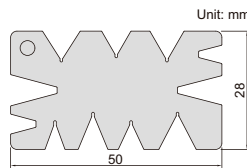


4841-1

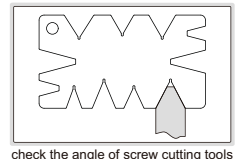
Code	Measurement	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4841-1	internal misalignment	0-30mm	1mm	$\pm 0.5\text{mm}$	2555	2300
	fit-up gap	0.7-4mm	0.1mm	$\pm 0.1\text{mm}$		

ANGLE GAGE

- Made of stainless steel



4854-1

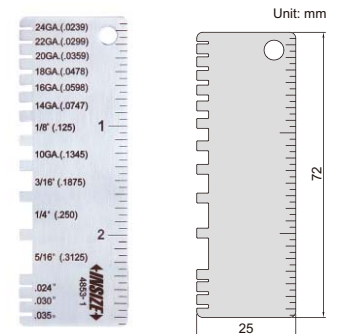
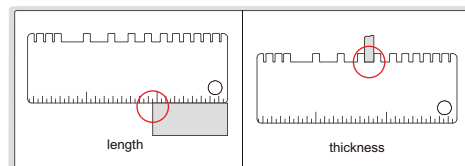


check the angle of screw cutting tools

Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
4854-1	29°, 30°, 40°, 45°, 50°, 55°, 60°	$\pm 10'$	1744	1334

THICKNESS GAGE

- Made of stainless steel



4853-1

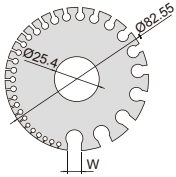
Code	Measurement	Range	Graduation	Accuracy	List Price (₹)	Promotion Price (₹)
4853-1	length	0-2 3/4"	1/16"	1/32"	1744	1334
	thickness	24GA.(0.0239"), 22GA.(0.0299"), 20GA.(0.0359")	—	$\pm 0.002"$		
		18GA.(0.0478"), 16GA.(0.0598"), 14GA.(0.0747"), 1/8"(0.125"), 10GA.(0.1345"), 3/16"(0.1875"), 1/4"(0.250"), 5/16"(0.3125")	—	$\pm 0.004"$		
		0.024", 0.030", 0.035"	—	$\pm 0.002"$		

AMERICAN STANDARD WIRE GAGE



4808

Unit: mm

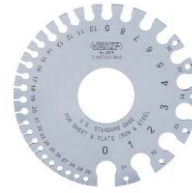


No.	W	No.	W
0	8.250mm/0.3249"	18	1.020mm/0.0403"
1	7.350mm/0.2893"	19	0.912mm/0.0359"
2	6.540mm/0.2576"	20	0.813mm/0.0320"
3	5.830mm/0.2294"	21	0.724mm/0.0285"
4	5.190mm/0.2043"	22	0.643mm/0.0253"
5	4.620mm/0.1819"	23	0.574mm/0.0226"
6	4.110mm/0.1620"	24	0.511mm/0.0201"
7	3.670mm/0.1443"	25	0.440mm/0.0179"
8	3.260mm/0.1285"	26	0.404mm/0.0159"
9	2.910mm/0.1144"	27	0.361mm/0.0142"
10	2.590mm/0.1019"	28	0.320mm/0.0126"
11	2.300mm/0.0907"	29	0.287mm/0.0113"
12	2.050mm/0.0808"	30	0.254mm/0.0100"
13	1.820mm/0.0720"	31	0.226mm/0.0089"
14	1.630mm/0.0641"	32	0.203mm/0.0080"
15	1.450mm/0.0571"	33	0.180mm/0.0071"
16	1.290mm/0.0508"	34	0.160mm/0.0063"
17	1.150mm/0.0453"	35	0.142mm/0.0056"
		36	0.127mm/0.0050"

- For gaging non-ferrous wire and metals such as copper, brass and aluminum
- Hardened to HRC50-57

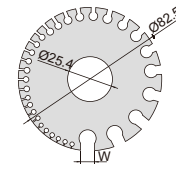
Code	Range	List Price (₹)	Promotion Price (₹)
4808	0-36 (8.250-0.127mm/0.3249-0.0050")	1244	1120

U.S. STANDARD SHEET METAL GAGE



4809

Unit: mm

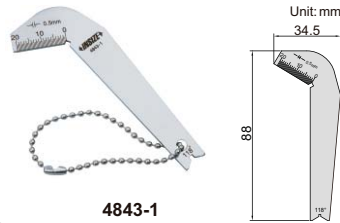
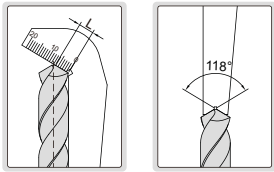


No.	W	No.	W
0	7.938mm/0.3125"	18	1.270mm/0.0500"
1	7.144mm/0.2813"	19	1.111mm/0.0438"
2	6.747mm/0.2656"	20	0.953mm/0.0375"
3	6.350mm/0.2500"	21	0.873mm/0.0344"
4	5.953mm/0.2344"	22	0.794mm/0.0313"
5	5.556mm/0.2188"	23	0.714mm/0.0281"
6	5.159mm/0.2031"	24	0.635mm/0.0250"
7	4.763mm/0.1875"	25	0.556mm/0.0219"
8	4.366mm/0.1719"	26	0.476mm/0.0188"
9	3.969mm/0.1563"	27	0.437mm/0.0172"
10	3.572mm/0.1406"	28	0.397mm/0.0156"
11	3.175mm/0.1250"	29	0.357mm/0.0141"
12	2.778mm/0.1094"	30	0.318mm/0.0125"
13	2.381mm/0.0938"	31	0.278mm/0.0109"
14	1.984mm/0.0781"	32	0.258mm/0.0102"
15	1.786mm/0.0703"	33	0.238mm/0.0094"
16	1.588mm/0.0625"	34	0.218mm/0.0086"
17	1.429mm/0.0563"	35	0.198mm/0.0078"
		36	0.179mm/0.0070"

- For gaging sheet metal, plate iron and steel
- Hardened to HRC50-57

Code	Range	List Price (₹)	Promotion Price (₹)
4809	0-36 (7.938-0.179mm/0.3125-0.0070")	1244	1120

DRILL POINT GAGE

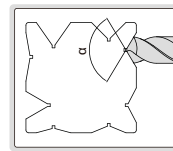


4843-1

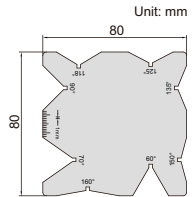
- For twist drills with 118° angle, to check if the center of tip is concentric with the drill body
- Made of stainless steel

Code	Accuracy		List Price (₹)	Promotion Price (₹)
	Angle	Length		
4843-1	±0.5°	±0.5mm	403	363

DRILL ANGLE GAGE



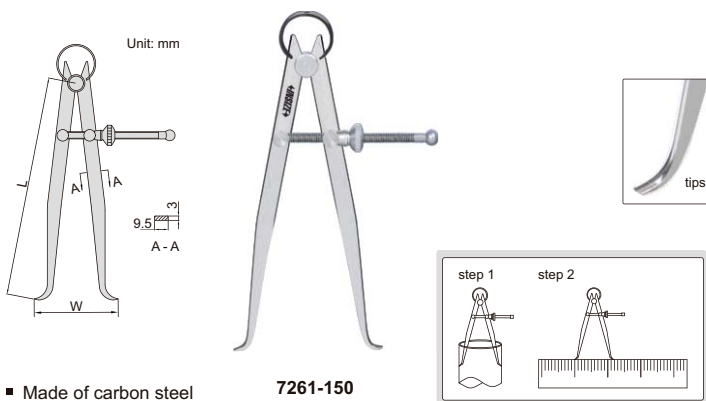
4842-1



- Check drills with angle 60°, 70°, 90°, 118°, 125°, 135°, 150° or 160°
- Made of stainless steel

Code	Accuracy	List Price (₹)	Promotion Price (₹)
4842-1	±0.5°	512	461

INSIDE SPRING CALIPERS

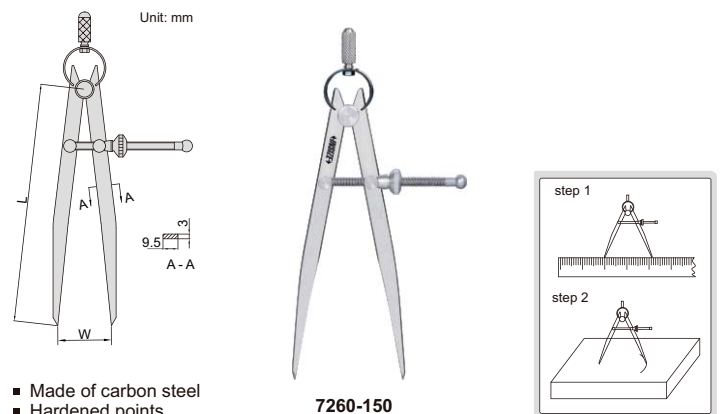


7261-150

- Made of carbon steel

Code	Size (L)	Range (W)	List Price (₹)	Promotion Price (₹)
7261-150	150mm	20-170mm	617	602
7261-200	200mm	22-220mm	802	703
7261-300	300mm	30-320mm	1214	1063

SPRING DIVIDERS

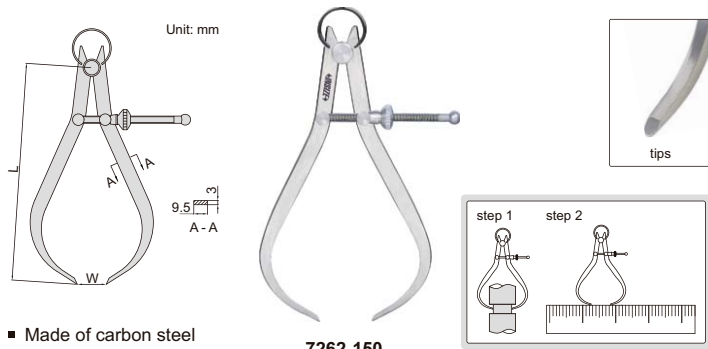


7260-150

- Made of carbon steel
- Hardened points

Code	Size (L)	Range (W)	List Price (₹)	Promotion Price (₹)
7260-150	150mm	0-150mm	617	602
7260-200	200mm	0-210mm	802	703
7260-300	300mm	0-320mm	1214	1063

OUTSIDE SPRING CALIPERS

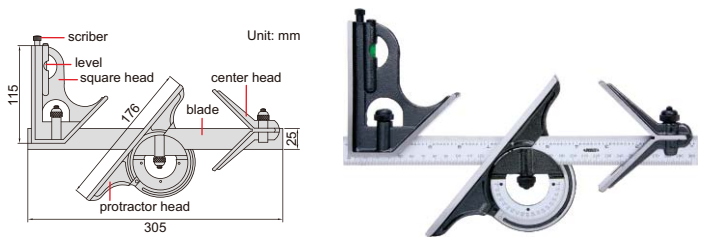


■ Made of carbon steel

7262-150

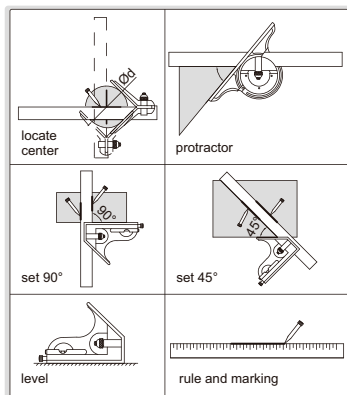
Code	Size (L)	Range (W)	List Price (₹)	Promotion Price (₹)
7262-150	150mm	0-140mm	617	602
7262-200	210mm	0-210mm	802	703
7262-300	310mm	0-320mm	1307	1145

COMBINATION SQUARE SET



- Center head (made of cast iron): to locate center of cylinders with diameter (Ød): 30-100mm accuracy: ±0.15mm
- Protractor head (made of cast iron): set the blade at desired angle to an edge of a workpiece, and can be used to measure angles range: 0-180° accuracy: ±20min.
- Square head (made of cast iron): set the blade at 90° or 45° to an edge of a workpiece accuracy: ±8min for 90° square, ±10min for 45° square
- Blade (made of stainless steel): range: 300mm/12", graduation: 0.5mm and 1/32" on front face, 1mm and 1/64" on back face
- Optional accessory: rigid rule (code 7113)

2278-180



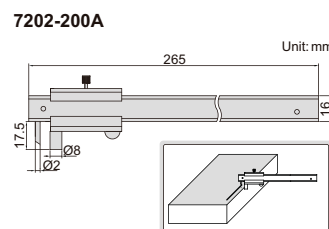
Code	Remark	List Price (₹)	Promotion Price (₹)
2278-180	4-piece set	6277	5323

SCRIBER CALIPER

The position of scriber tip can be adjusted

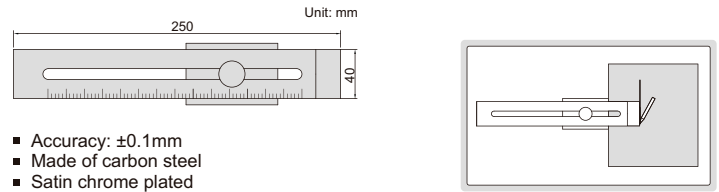


- Graduation: 0.1mm, 1/128"
- Made of stainless steel
- Satin chrome plated reading surface
- Carbide scriber tip
- Optional accessory: carbide scriber tip (code SP-SCRIBER-7202)



Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
7202-200A	0-200mm/0-8"	±0.1mm	2560	2304

MARKING GAGE



- Accuracy: ±0.1mm
- Made of carbon steel
- Satin chrome plated

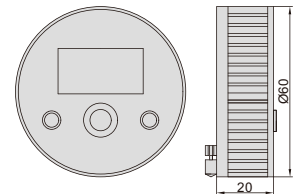
Code	Range	Graduation	List Price (₹)	Promotion Price (₹)
7120-200A	0-200mm	0.1mm	1539	1385

DIGITAL MEASURING WHEEL

IP40 WATERPROOF



- IP40 dust/waterproof
- Measuring length of curve
- Four measurement modes: length, rectangle area, diameter of circle, cube
- Resolution: 0.001m/0.01ft
- Button function: on/off, mm/inch, one or two sides set, measurement mode conversion, measurement
- Battery CR2032, automatic power off



Code	Range	Accuracy	List Price (₹)	Promotion Price (₹)
7146-10	0-10m/0-32.8ft	(±0.3%L)m (L is the measured length)	1737	1563

MEASURING WHEEL

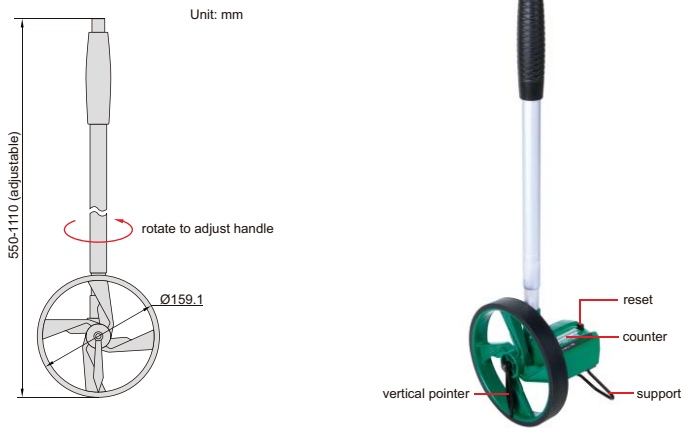


- ABS plastic frame, wear-resistant PU tire
- Two-section foldable handle

7145-1

Code	Range	Resolution	List Price (₹)	Promotion Price (₹)
7145-1	0.1-9999.9m	0.1m	6815	6444

MEASURING WHEEL (BASIC TYPE)

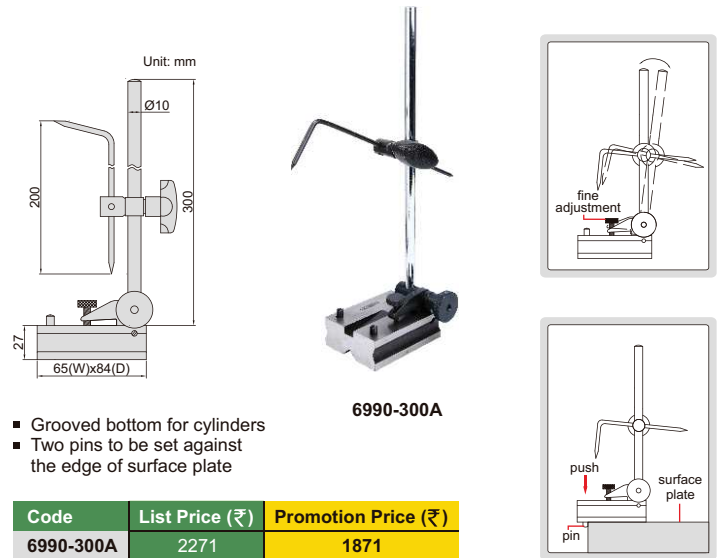


- ABS plastic frame, wear-resistant PU tire
- Three-section adjustable handle

7144-1

Code	Range	Resolution	List Price (₹)	Promotion Price (₹)
7144-1	0.1-9999.9m	0.1m	3012	2849

HEIGHT SCRIBER



- Grooved bottom for cylinders
- Two pins to be set against the edge of surface plate

6990-300A

Code	List Price (₹)	Promotion Price (₹)
6990-300A	2271	1871

**PRECISION SCREWDRIVER SET
CODE ISGF-0901**



- Includes:
 - 4 pcs "-": 1.4mm, 2.0mm, 2.4mm, 3.0mm
 - 2 pcs "+": 0#, 1#
- Rotating cap
- Material: CRV, hardness: HRC52-56

ISGF-0901

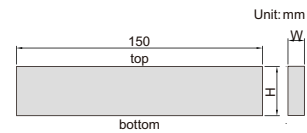
Code	List Price (₹)	Promotion Price (₹)
ISGF-0901	490	417

PARALLEL SET



6533-144

- Parallelism between top and bottom: 5µm
- Height difference of a matched pair: 5µm
- Hardened to HRC55-60
- Made of alloy tool steel

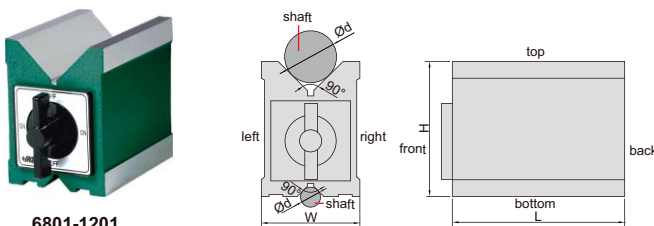


Code	Parallels per set	Thickness (W)	Height (H)	List Price (₹)	Promotion Price (₹)
6533-144	14 pairs	10	14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50	17809	16028

MAGNETIC V-BLOCKS (ECONOMIC TYPE)

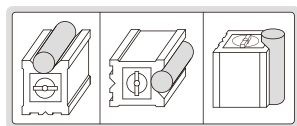
ATTENTION: NOT SUITABLE FOR STEEL OR IRON SURFACES, OTHERWISE THE MAGNETIC FORCE WILL BE REDUCED

ATTENTION: NOT HARDENED



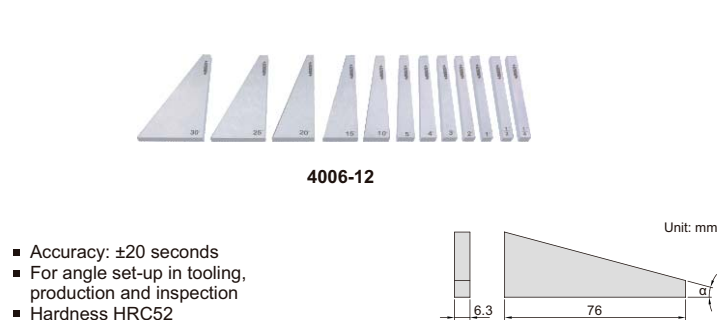
6801-1201

- Parallelism of V grooves to top, bottom, left, right side: 10µm
- Squareness of V grooves to back side: 10µm
- Hold cylindrical workpieces for inspection and machining
- Supplied in single piece
- Not hardened
- V groove on the top for large shafts
- V groove on the bottom for small shafts
- Not suitable for steel or iron surfaces, otherwise the magnetic force will be reduced



Code	Size (LxWxH)	Range of shafts (Ød)	Magnetic force	List Price (₹)	Promotion Price (₹)
6801-1201	80x70x95mm	6-67mm	64kgf	7551	5833
6801-1202	100x70x95mm	6-67mm	80kgf	8340	6443
6801-1203	120x70x95mm	6-67mm	96kgf	8734	6747

ANGLE PLATE SETS

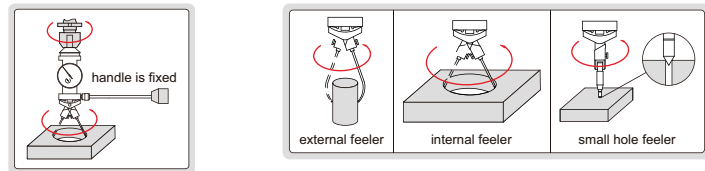
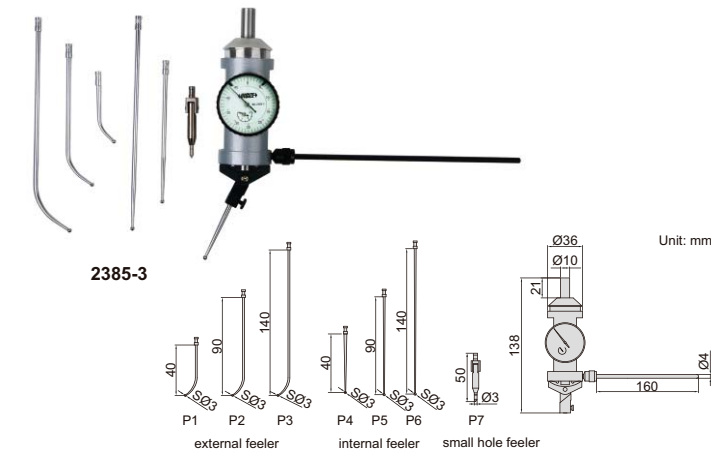


4006-12

- Accuracy: ±20 seconds
- For angle set-up in tooling, production and inspection
- Hardness HRC52

Code	Angle plates included	Angle α	List Price (₹)	Promotion Price (₹)
4006-10	10 pcs	1°, 2°, 3°, 4°, 5°, 10°, 15°, 20°, 25°, 30°	4088	3884
4006-12	12 pcs	1/4°, 1/2°, 1°, 2°, 3°, 4°, 5°, 10°, 15°, 20°, 25°, 30°	5208	4947

CENTERING INDICATOR



- Provides quick and accurate centering in boring and milling set-up
- Maximum speed is recommended not to exceed 800RPM

Code	List Price (₹)	Promotion Price (₹)
2385-3	9224	7099

Feeler	Measuring diameter	Accuracy
P1	Ø0-60mm	0.015mm
P2	Ø0-160mm	0.02mm
P3	Ø0-250mm	0.03mm
P4	Ø3.2-80mm	0.015mm
P5	Ø3.2-180mm	0.02mm
P6	Ø3.2-280mm	0.03mm
P7	Ø0-2.8mm	0.015mm

DIAL TEST INDICATOR CENTERING HOLDER



- Center cylinders or holes on machine tools
- Can be used with dial test indicators

Code	List Price (₹)	Promotion Price (₹)
6295-1A	1787	1608

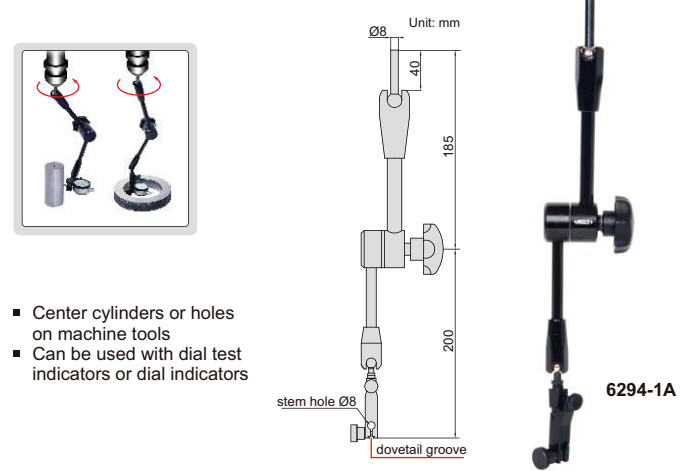
ZERO SETTER

- Accuracy: ±10µm



Code	Height (H)	Test force	List Price (₹)	Promotion Price (₹)
6556-50	50mm	10N (at 50mm)	20656	18590

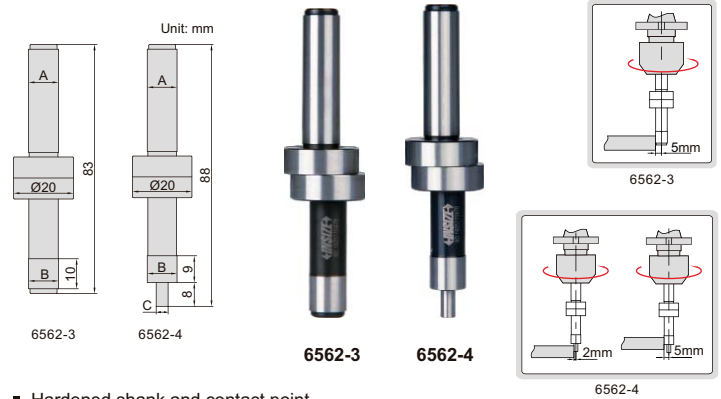
INDICATOR CENTERING HOLDER



- Center cylinders or holes on machine tools
- Can be used with dial test indicators or dial indicators

Code	List Price (₹)	Promotion Price (₹)
6294-1A	2163	1947

EDGE FINDERS



- Hardened shank and contact point
- Suitable for machine speed 400-600rpm

Code	Shank (A)	Contact point (B)	Contact point (C)	Accuracy	List Price (₹)	Promotion Price (₹)
6562-3	Ø10mm	Ø10mm	—	5µm	2696	1944
6562-4	Ø10mm	Ø10mm	Ø4mm	5µm	2763	1993

ELECTRONIC EDGE FINDER



- The shank is electrically conducted to the metal workpiece through the chuck and table, the LED lights up and the beeper sounds, when the ball touches the workpiece
- Not suitable for rotary use
- Hardened shank and contact ball
- Battery: 23A, 12Vx1 pc

Code	Shank (A)	Contact ball (B)	Accuracy	Beeper	List Price (₹)	Promotion Price (₹)
6566-3	Ø20mm	SØ10mm	5µm	with	6174	5917

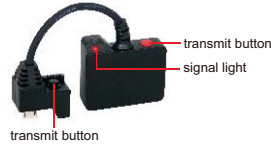
DATA TRANSMISSION SYSTEM



receiver
7315-2



receiver
7315-3



transmitter
7315-21

- Transmission distance is 10 meter (under the condition of no obstruction and no electromagnetic interference)
- Press the button to transmit data
- 7315-2 is supplied with EXCEL directional input software, each measuring tool is only displayed in the specified area

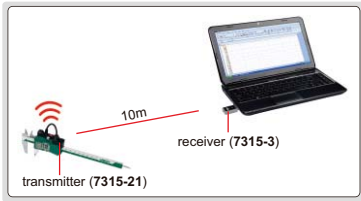
Excel directional input software (included in 7315-2), application example 1

Set the display area of caliper at B4-B9, the readings of caliper are displayed at B4, B5...B9. Set the display area of micrometer at C4-C9, the readings of micrometer are displayed at C4, C5... C9. Set the display area of height gage at D4-D9, the readings of height gage are displayed at D4, D5... D9.

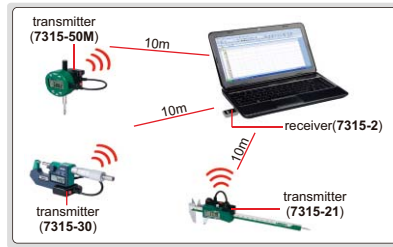
Project	Length	Width	Height
Dimension and Tolerance	50±0.05	24±0.01	10±0.05±0.06
Measuring tool	Caliper	Micrometer	Height gage
1	50.02	24.004	9.98
2	50.01	24.010	10.01
3	49.99	23.990	10.02
4	50.00	23.996	9.99
5	50.04	24.000	10.01
6			

Serial of workpieces The next data display area is indicated in green

7315-3 application (single channel)



7315-2 application (multichannel)



Excel directional input software (included in 7315-2), application example 2

Set the display area of micrometer at B4-C9, data input is from the left to the right, the readings of micrometer are displayed at B4, C4, B5, C5... B9, C9. Set the display area of caliper at D4-D9, the readings of caliper are displayed at D4, D5... D9. Set the display area of depth gage at E4-E9, the readings of depth gage are displayed at E4, E5... E9.

Project	External diameter1	External diameter2	Length	Depth
Dimension and Tolerance	Φ23±0.01±0.02	Φ21±0.01±0.02	50±0.04	28±0.05
Measuring tool	Micrometer	Micrometer	Caliper	Depth gage
1	23.010	21.008	49.98	28.01
2	23.010	21.000	49.98	27.98
3	22.999	21.000	50.0	28.00
4	23.007	20.998	50.01	28.01
5	23.000	20.985	50.01	28.01
6	21.008			

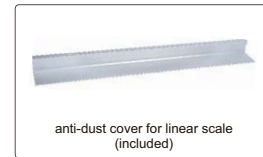
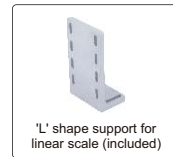
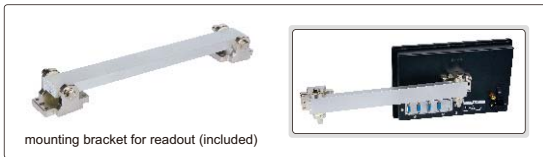
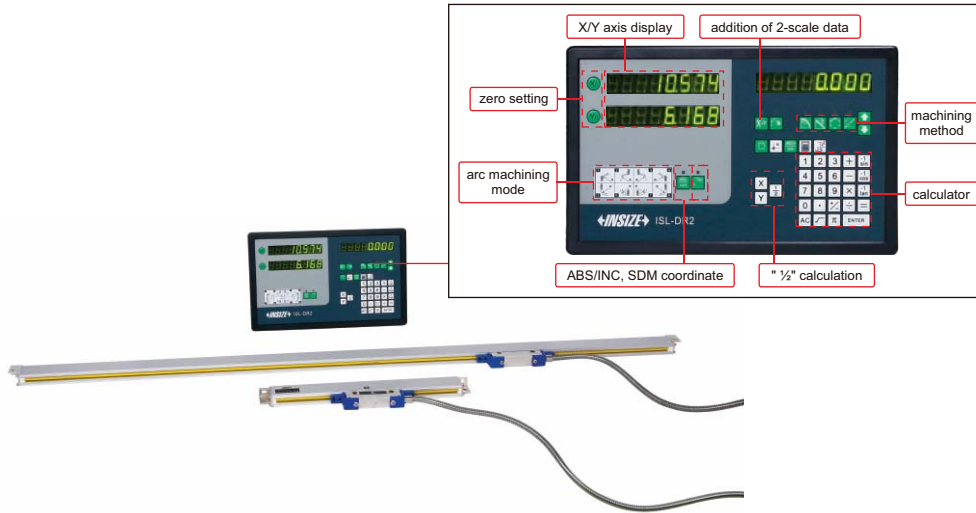
Serial of workpieces The next data display area is indicated in green

Code	Description	Plug to product	Remark	List Price (₹)	Promotion Price (₹)	
7315-2	multichannel receiver		<ul style="list-style-type: none"> Connected with maximum 8 transmitters, each of them has unique identification code. Text format virtual com port, converted to keyboard format with supplied software (data can be transmitted to EXCEL, WORD etc. and any software which receives keyboard signal) Using EXCEL directional input software, the measurement data of different measuring tools can be transmitted to the specified area in the sheet. 	18835	16656	
7315-3	single channel receiver		<ul style="list-style-type: none"> Connected with 1 transmitter only, transmitter can be changed as needed. Recognized as HID keyboard device by computer, no need to install drivers and softwares Data can be transmitted to Excel, Word, txt and other files (press transmit button of transmitter, which is recognized by the computer as keyboard input data and press enter, such as 12.34↵) Suitable for any softwares which can receive keyboard signal 	7899	7654	
7315-21	transmitter for digital calipers		 digital calipers and digital depth gages	 signal light transmit button	4720	4539
7315-22	transmitter for large digital calipers		 large digital calipers (range ≤1000mm) and digital height gages	 signal light transmit button	4683	4141
7315-30	transmitter for digital micrometers		 digital micrometers	 transmit button signal light	4683	4142
7315-50M	transmitter for digital indicators		 digital indicators, digital thickness gages and digital internal/external caliper gages	 signal light transmit button	4775	4238
7315-60	transmitter for high precision digital indicators		 2140-6 and 2133 series high precision digital indicators 3350 series high precision digital micrometers/snap gages	 signal light transmit button	4775	4238

2-AXIS DIGITAL READOUT SYSTEM FOR LATHE
CODE ISL-SET1



software CD (included)



READOUT SPECIFICATION

List Price (₹)	55669
Promotion Price (₹)	51104
Application	two-axis
Scale input ports	2
Resolution	1µm
Functions	addition of 2-scale data, linearity error compensation, smoothing, RS232C interface unit, BCD code out, zero setting, preset, resolution setting, counting direction setting, inch/mm conversion, ABS/INC conversion, expansion/contraction coefficient setting, "1/2" calculation, detecting RI, bolt-hole circle machining, ramp circle machining
Power supply	110/220V, 50/60Hz
Dimension	295×185×45mm
Weight	1.45kg

LINEAR SCALE SPECIFICATION

X-axis	200mm
Y-axis	1000mm
Max. response speed	50m/min
Scale grating pitch	20µm
Scale reference point pitch	50mm
Accuracy	±(5+5L/1000)µm L is the effective length in mm
Cable length	200mm scale: 3.5m, 1000mm scale: 5m

STANDARD DELIVERY

Readout box	1 pc
200mm linear scale	1 pc
1000mm linear scale	1 pc
Mounting bracket for readout	1 pc
Ground cable for readout	1 pc
RS232C cable for readout	1 pc
Software CD for RS232C of readout	1 pc
'L' shape support for linear scale	1 pc
Anti-dust cover for linear scale	1 pc
Mounting accessories for linear scale	1 package

**AIR GAGE DISPLAY
CODE 9404-121**

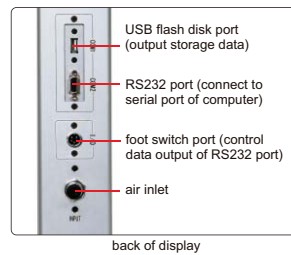
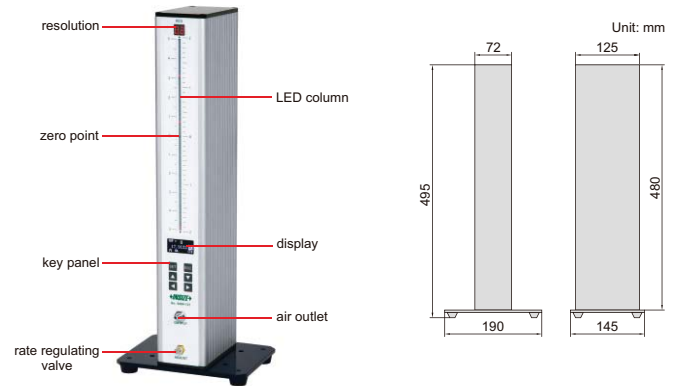
- Can store 10 measuring programs, and the program can be switched quickly
- Data storage function, support manual and automatic storing, 3000 groups data can be stored
- Insert USB flash disk to output storage data
- Automatically detect internal or external dimension measurement
- With foot switch for data transmission
- Automatic grouping function for workpiece sorting

SPECIFICATION

List Price (₹)	91420		
Promotion Price (₹)	88586		
LED quantity	101 pcs		
LED color	red, orange, green		
LED height	254mm		
Indication range, resolution and accuracy	indication range	resolution	accuracy
	±5μm	0.1μm	0.2μm
	±10μm	0.2μm	0.4μm
	±25μm	0.5μm	1μm
Unit	mm, μm		
	Measuring mode		
Air supply	dry and clean, 0.4~0.8MPa		
Data interface	RS232/USB flash disk		
Operation temperature	0~45°C		
Power supply	220V, 50/60Hz		
Dimension (L×W×H)	190×145×495mm		
Weight	4.25kg		

STANDARD DELIVERY

Main unit	1 pc
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OPTIONAL ACCESSORY

Air filter	9401-FILTER
Pressure regulating valve	9404-PRV
RS232 cable	9404-CABLE
Foot switch	9404-FS

**TOOL PRESETTER (BASIC TYPE)
CODE TLP-300H**



standard rod (included)



BT50/BT40 converter (optional)



BT50/BT30 converter (optional)

- Absolute linear scales, zero setting is not needed after power on and off

SPECIFICATION

List Price (₹)	406559
Promotion Price (₹)	393956
Maximum tool diameter (X axis)	Ø300mm
Height measuring range	60~300mm
Repeatability	0.005mm
Measuring accuracy	0.02mm
Linear scale resolution	0.005mm
Dial indicator graduation	0.01mm
Spindle holder	BT50
Power supply	110/220V, 50/60HZ
Dimension (L×W×H)	600x365x690mm
Weight	68kg



STANDARD DELIVERY

Main unit	1 pc
BT50 spindle holder	1 pc
Standard rod	1 pc
Dial indicator	2 pcs
Wrench	1 set
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

BT50/BT30 converter	TLP-300H-C1
BT50/BT40 converter	TLP-300H-C2

PROFILE PROJECTOR
CODE ISP-Z3015



OPTIONAL ACCESSORY



SPECIFICATION

List Price (₹)		593072			
Promotion Price (₹)		407481			
Lens	magnification	10X (included)	20X (optional)	50X (optional)	100X (optional)
	view field	Ø30mm	Ø15mm	Ø6mm	Ø3mm
	working distance	77.7mm	44.3mm	38.4mm	25.3mm
Max. workpiece height		90mm	90mm	90mm	90mm
Magnification accuracy		±0.08%			
Image		erect image			
Projector screen		diameter: Ø300mm			
		rotation range: 0°~360°, resolution: 1" or 0.01°			
		reference lines: cross-hairs			
Stage	metal stage size	340×152mm			
	glass stage size	196×96mm			
	X-Y stage travel	range: 150×50mm			
		resolution: 0.5µm			
	Z (focus) travel range	accuracy: (4+L/25)µm L is the measuring length in mm			
max. load capacity	90mm				
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable			
		surface illumination: 24V/150W halogen lamp			
Data processing unit	display	X-Y stage travel, screen rotation			
	output	RS232C			
	function	<ul style="list-style-type: none"> measure coordinate of point measure coordinate of line measure center coordinate, radius of circle with three points measure distance between two objects measure angle with four points or two lines set origin of coordinate coordinate transform set midpoint of coordinate 			
Power supply		110/220V, 50/60Hz			
Dimension (L×W×H)		550×770×1100mm			
Weight		135kg			

STANDARD DELIVERY

Main unit	1 pc
10X lens with half-reflection mirror and oblique illuminator mirror	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

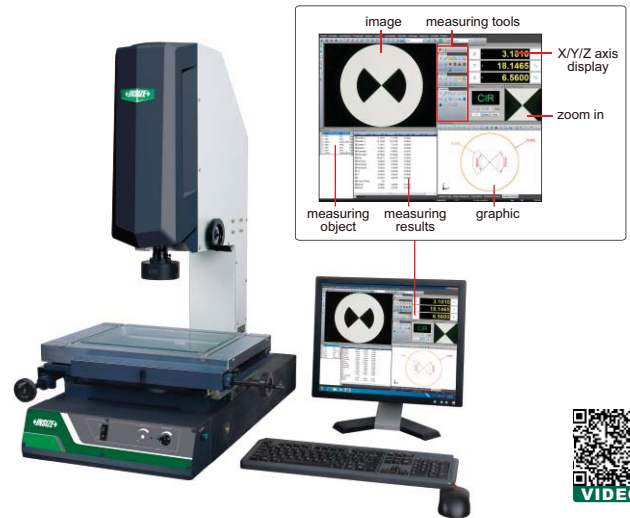
20X lens with half-reflection mirror and oblique illuminator mirror	ISP-Z3015-LENS20X
50X lens with half-reflection mirror	ISP-Z3015-LENS50X
100X lens with half-reflection mirror	ISP-Z3015-LENS100X
Rotary table	ISP-Z3015-TABLE
Overlay chart	ISP-Z3015-CHART
Holder with clamp	ISP-Z3015-HOLDER
Swivel center support	ISP-Z3015-SUPPORT
V-block with clamp	ISP-Z3015-VBLOCK
50mm reading scale	ISP-Z3015-SCALE50
300mm calibration scale	ISP-Z3015-RULE
Blue filter	ISP-Z3015-FILTER
Demo sample	ISP-Z3015-DEMO

VISION MEASURING SYSTEMS



SPECIFICATION

Code	ISD-V150A	ISD-V250A	ISD-V300A
List Price (₹)	ON REQUEST	ON REQUEST	ON REQUEST
Promotion Price (₹)	ON REQUEST	ON REQUEST	ON REQUEST
Measuring range (X×Y×Z)	150×100×200mm	250×150×200mm	300×200×200mm
Stage size	354×228mm	450×280mm	500×330mm
Glass stage size	210×160mm	306×196mm	350×250mm
Resolution of X/Y/Z axis	0.5µm		
Accuracy of X/Y axis	≤(3.5+L/100)µm (L is the measuring length in mm)		
Repeatability of X/Y axis	2µm		
Objective	0.7X~4.5X (zoom)		
Working distance	92mm		
Magnification	33X~195X (on 19" monitor)		
Camera	1/3" color CCD, 0.3M pixel		
Illumination	surface and contour with adjustable LED		
Max. height of workpiece	200mm		
Max. weight of workpiece	20kg		
Operation system	Windows 7/8/10		
Drive method	manual		
Power supply	110/220V, 50/60Hz		
Dimension (L×W×H)	560×540×850mm	760×600×900mm	760×600×900mm
Weight	100kg	120kg	140kg

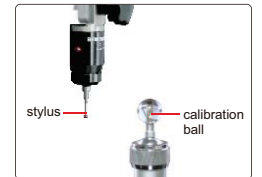


ISD-V250A

computer is included



lens with coaxial light (optional, must be installed in factory)



probe (optional), includes Ø2mm and Ø3mm styli, Ø25mm calibration ball, measuring accuracy is 10µm

STANDARD DELIVERY

Main unit	1 pc
Computer	1 pc
Calibration glass chart	1 pc
Clay	1 pc
Foot switch	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

0.5X auxiliary objective	Code: ISD-V-OB05X Working distance: 175mm Magnification: 16.5~97.5X (on 19" monitor)
2X auxiliary objective	Code: ISD-V-OB2X Working distance: 36mm Magnification: 66~390X (on 19" monitor)
Probe	Code: ISD-V-PROBE Includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Vision measuring system with coaxial light lens (with computer)	Code: ISD-V150ACL, ISD-V250ACL, ISD-V300ACL
Office software	Code: 7313-OFFICE

SOFTWARE

- Operation system: Windows 7/8/10
- Language: English
- Single measuring tools:

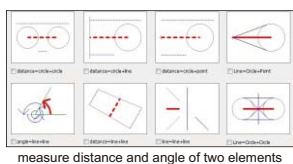
- measure coordinate of point
- measure center coordinate and axis length of ellipse
- measure length of open curve
- measure distance of two elements

- measure center coordinate, diameter and area of circle
- measure length, width and area of rectangle
- measure length and area of closed curve

- measure distance between two points
- measure length, width and diameter of key slot
- measure angle of two lines

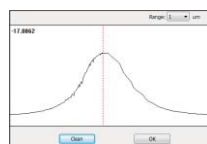
- measure length and diameter of arc
- measure width and diameter of ring
- measure focus distance of surface

Combined measuring tools:

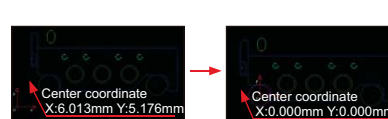


measure distance and angle of two elements

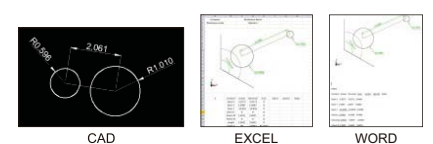
Focus indicator:



Coordinate transfer:



Data export to CAD, EXCEL and WORD



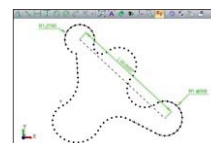
Profile detection:



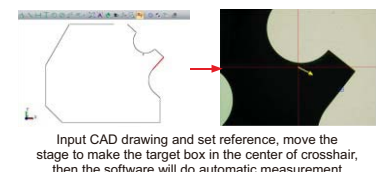
Edge-detection:



Contour scanning:



CAD measuring:



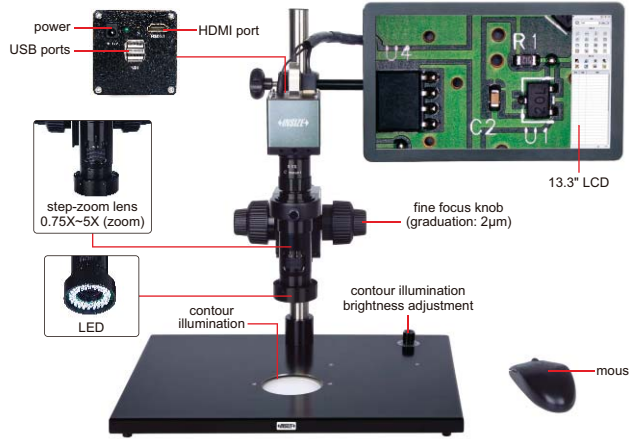
Input CAD drawing and set reference, move the stage to make the target box in the center of crosshair, then the software will do automatic measurement

DIGITAL MEASURING MICROSCOPE (WITH DISPLAY)

ATTENTION: PLEASE MAKE CONFOCAL ADJUSTMENT AFTER CHANGING CAMERA ADAPTERS OR AUXILIARY OBJECTIVES



- 1080P high-definition image
- Built-in software without computer, operation by mouse
- Take pictures, saved to USB flash disk
- Measurement results can be output to Excel
- Automatic white balance and exposure
- Brightness, contrast ratio, gain are adjustable

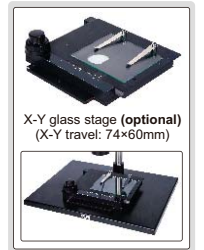


ISM-DL301 (with contour illumination)

BUILT-IN SOFTWARE WITHOUT COMPUTER

MEASUREMENT

TAKE PICTURES



SPECIFICATION

Code	ISM-DL301 (with contour illumination)
List Price (₹)	151691
Promotion Price (₹)	145478
Magnification	15X~100X
Sensor	1/2" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	570×300×430mm
Weight	6.5kg

MEASURING ACCURACY

Objective magnification	Image magnification	Measuring accuracy
0.75X	15X	±8µm
1X	20X	±7µm
1.5X	30X	±6µm
2X	40X	±6µm
2.5X	50X	±6µm
3X	60X	±5µm
3.5X	70X	±5µm
4X	80X	±4µm
4.5X	90X	±4µm
5X	100X	±4µm



STANDARD DELIVERY

Main unit	1 pc
0.5X camera adapter	1 pc
1X auxiliary objective	1 pc
Calibration plate	1 pc
16G USB flash disk	1 pc
White/black plate	1 pc
Mouse	1 pc
HDMI cable	1 pc
Power adapter	3 pcs

OPTIONAL ACCESSORY

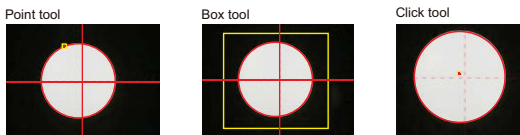
1X camera adapter	ISM-DL-CA1X
2X auxiliary objective	ISM-DL-OB2X
X-Y glass stage (travel: 74×60mm)	ISM-DL-STAGE
X-Y metal stage	ISM-DL-STAGE1
LED light	see details
Auxiliary objective	see details

MAGNIFICATION, FOCUS DISTANCE AND VIEW FIELD

Auxiliary Objective	Specification	Camera adapter	
		0.5X (included)	1X (optional)
1X (included)	Magnification	15~100X	30~200X
	Focus distance	70±2mm	70±2mm
	View filed	16×11~2.5×1.6mm	7.8×5.3~1.2×0.8mm
2X (optional)	Magnification	30~200X	60~400X
	Focus distance	29±2mm	29±2mm
	View field	7.8×5.3~1.2×0.8mm	3.8×2.7~0.6×0.4mm

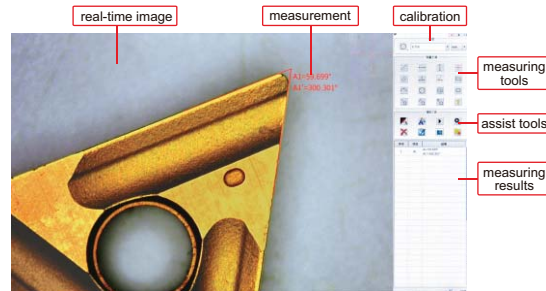
SOFTWARE

- Language: English
- Output to Excel
- Edge-detection:



Measurement tools:

- measure length of line or distance between two points
- measure angle from horizontal line
- measure radius, diameter, girth and area of circle with three points
- measure minimum distance between point and circle
- measure minimum distance between line and circle
- measure minimum distance between two circles
- add text
- measure distance between multiple parallel lines
- measure angle from vertical line
- measure radius, diameter, girth and area concentric of circles
- measure distance between point and center of circle
- measure distance between line and center of circle
- measure center distance between two circles
- measure radius, diameter, girth and area of circle with two points
- measure length of line or distance between two points in vertical direction
- measure length of line or distance between two points in horizontal direction
- measure girth and area of polygon
- measure length, width, girth and area of rectangle
- measure maximum distance between point and circle
- measure maximum distance between line and circle
- measure maximum distance between two circles
- measure distance between two parallel lines
- measure distance between point and line
- measure distance between three parallel lines
- measure radius, length and angle of arc
- measure angle of two lines
- cross hair



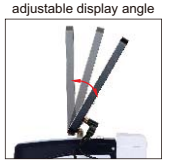
**DIGITAL MEASURING MICROSCOPE
CODE 5307-ID100A**

- Electronic magnification feedback lens: when the objective lens magnification is changed manually, the software automatically selects the corresponding pre-calibration data and calibration is not needed
- Two methods of LED brightness adjustment, knob adjustment and software adjustment
- Built-in software without computer, operated by mouse
- Take pictures, save to USB flash disk
- Measuring results can be sent to Excel



ELECTRONIC MAGNIFICATION
FEEDBACK LENS

BUILT-IN SOFTWARE
WITHOUT COMPUTER



SPECIFICATION

List Price (₹)	156113
Promotion Price (₹)	143312
Sensor	1/2" CMOS
Pixel	2M
Resolution	1920×1080
Magnification	12~77X
Focus distance	100mm
View field	2.7×1.9~17.5×11.9mm
Max workpiece height	60mm
Frame rate	60fps
Output	USB/HDMI
Power supply	power adapter
Dimension (L×W×H)	610×610×660mm
Weight	4.5kg

STANDARD DELIVERY

Main unit	1 pc
Calibration plate	1 pc
Power adapter	1 pc
Mouse	1 pc
16G USB flash disk	1 pc

MAGNIFICATION AND MEASURING ACCURACY

Objective magnification	Magnification	Measuring accuracy
0.7X	12X	±9µm
1X	17X	±9µm
1.5X	26X	±8µm
2X	35X	±7µm
2.5X	43X	±7µm
3X	51X	±7µm
3.5X	60X	±6µm
4X	68X	±6µm
4.5X	77X	±5µm

**DIGITAL MICROSCOPE
CODE 5309-DM50**

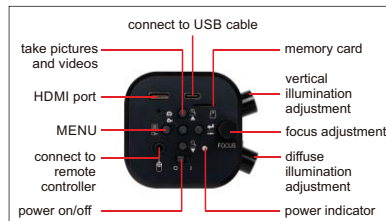
- Independent control of vertical illumination and diffuse illumination
- Back focus adjustment extends working distance
- Take pictures and videos, save to memory card

TAKE PICTURES
AND VIDEOS

MEASUREMENT

SPECIFICATION

List Price (₹)	58235
Promotion Price (₹)	53460
Arm type	straight
Senor	1/2.8" CMOS
Pixel	2M
Resolution	1920×1080
Exposure	real-time auto, single auto, manual adjustment
White balance	real-time auto, single auto, manual RGB adjustment
Record format	pictures: JPG videos: MOV
Record media	memory card
Magnification	6.6~39.4X
Working distance	46~186mm
View field	7×4~42×24mm
Power supply	DC12V 3A

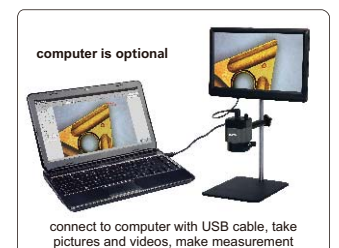


**MAGNIFICATION, VIEW FIELD AND MEASURING ACCURACY
(use computers, optional)**

Image magnification	View Field	Measuring accuracy
6.6X	42.0×24.0mm	±0.02mm
7.3X	37.8×21.5mm	±0.02mm
8.9X	30.9×16.2mm	±0.02mm
10.8X	25.7×14.5mm	±0.02mm
13.8X	20.1×10.8mm	±0.02mm
15.2X	18.2×10.0mm	±0.02mm
18.5X	15.0×8.5mm	±0.01mm
25.2X	11.1×6.1mm	±0.01mm
31.5X	8.8×5.0mm	±0.01mm
39.4X	7.0×4.0mm	±0.01mm

STANDARD DELIVERY

Main unit	1 pc
8G memory card and holder	1 pc
Plastic calibration rule	1 pc
White/black plate	1 pc
Remote controller	1 pc
USB cable	1 pc
Measuring software	1 pc
Power adapter	1 pc



**AUTO FOCUS DIGITAL MICROSCOPE
CODE 5302-AF105**

AUTO FOCUS

TAKE PICTURES AND VIDEOS

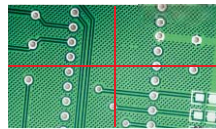
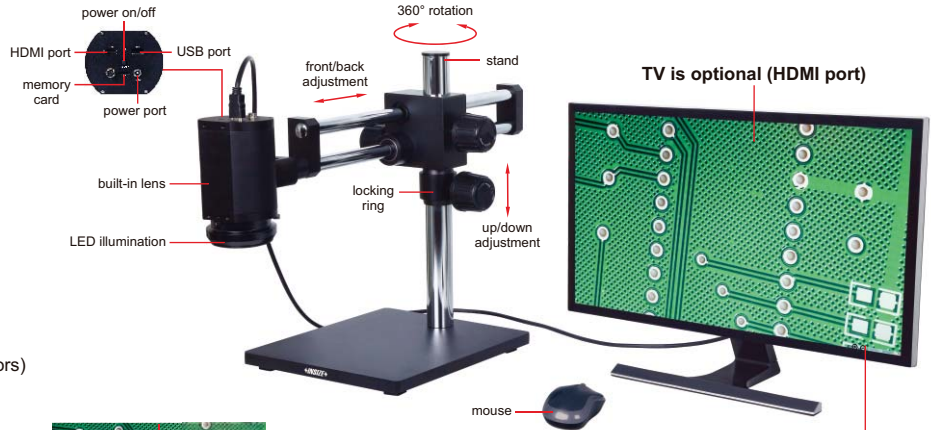


8G memory card and holder (included)



VIDEO

- 1080P high-definition image
- Auto focus camera
- Take pictures and videos, saved to memory card
- Connected to TV by HDMI port
- Automatic exposure and white balance
- Brightness, contrast ratio, gain are adjustable
- Display cross hair (blue/green/red/yellow/black/brown colors)



display cross hair (blue/green/red/yellow/black/brown colors)



1~14X optical zoom adjustment

SPECIFICATION

List Price (₹)	141269
Promotion Price (₹)	132278
Magnification	1.8X~27.5X (on 28" TV)
Sensor	1/2.8" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Auto focus distance	100mm~∞
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	500×280×410mm
Weight	17kg

STANDARD DELIVERY

Main unit (with stand)	1 pc
LED illumination	1 pc
8G memory card and holder	1 pc
Mouse	1 pc
HDMI cable (for TV)	1 pc
Power adapter	2 pcs

FOCUS DISTANCE, MAGNIFICATION AND VIEW FIELD (MANUAL FOCUS)

Focus distance	Adjustable magnification (on 28" TV)	View field
100mm	4.5~27.5X	24×14~161×90mm
150mm	3~21X	30×17~240×128mm
200mm	2.3~17.5X	38×20~305×176mm
250mm	2~15X	42×24~320×210mm
270mm	1.8~14.4X	43×25~378×240mm

DIGITAL MEASURING MICROSCOPE



software CD (included)



VIDEO



ISM-PM200SA
computer is optional



- Can take pictures and videos
- Supplied with software
- Calibration rules (graduation 0.1 and 1mm) are included
- Focus support is included

SPECIFICATION

Code	ISM-PM200SA
List Price (₹)	19178
Promotion Price (₹)	14282
Magnification	10X~200X
Stand	standard
Pixel	2M (resolution: 1600×1200)
Illumination	built-in adjustable LED
Power supply	USB 2.0 cable (voltage required: 5±0.1V)



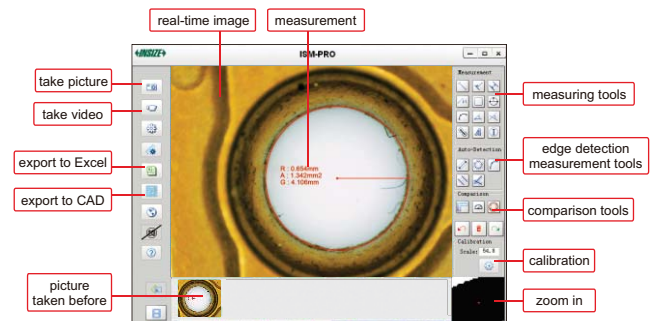
filter (optional)

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

Magnification	Focus distance	View field (mm)	Accuracy
50X	21mm	8.1×6.4	30µm
100X	13mm	3.9×3.1	15µm
150X	16mm	2.6×2.1	10µm
200X	19mm	1.8×1.5	8µm

OPTIONAL ACCESSORY

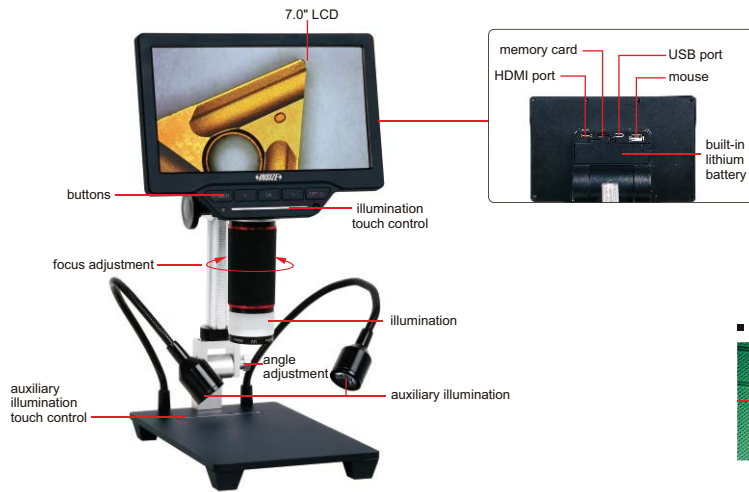
Green filter	ISM-PM-GREEN
Yellow filter	ISM-PM-YELLOW
Blue filter	ISM-PM-BLUE



**MINI DIGITAL MICROSCOPE (ECONOMIC TYPE)
CODE 5311-M710**

TAKE PICTURES AND VIDEOS

BUILT-IN LITHIUM BATTERY

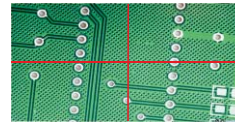


8G memory card and holder (included)



Infrared ray remote controller (included)

■ Cross hair:



■ Grid (color, line thickness and positions are adjustable):



SPECIFICATION

List Price (₹)	27100
Promotion Price (₹)	24390
Display resolution	1024×600
Sensor	1/3" CMOS
Sensor resolution	1280×960
Single pixel size	2µm×2µm
Frame rate	60fps/30fps
Magnification	1X~16X
White balance	auto/manual (10 levels RGB)/calibration
Exposure control	AE lock/exposure compensation (10 levels)
Image control	contrast/saturation/sharpness
Record media	memory card
Output	HDMI
Power supply	built-in lithium battery/power adapter
Dimension(L×W×H)	174×200×350mm
Weight	1.5kg

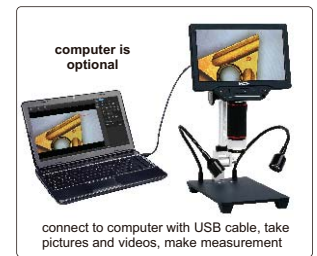
SOFTWARE FOR COMPUTER (included)

- Language: Chinese (Simplified), English
- Operation system: Windows 7/8/8.1/10 (64bit)
- Port: USB2.0 or above
- Measuring accuracy: 0.02mm

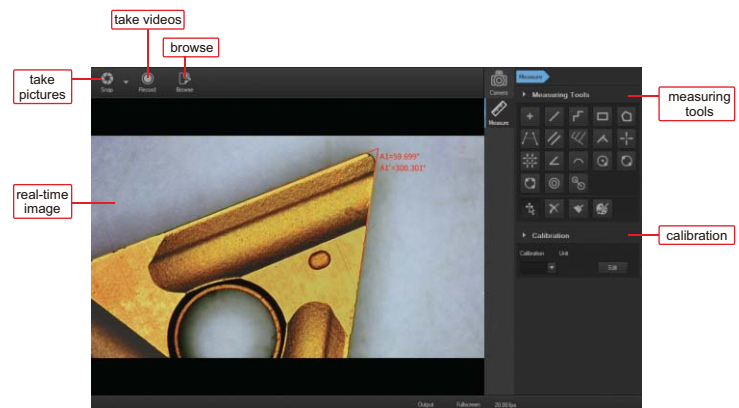
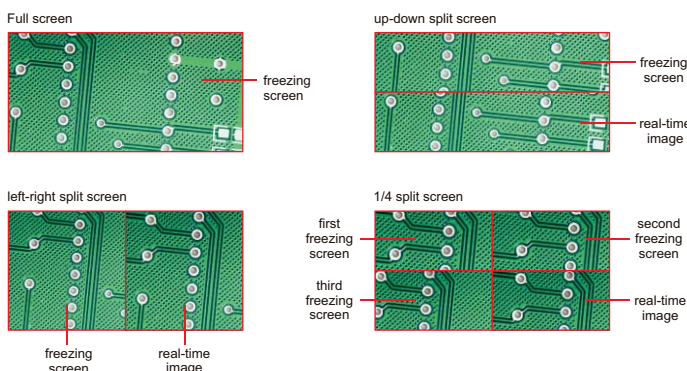
- + point counting
- ☑ straight line length
- ☐ continuous line length
- ☐ area of a rectangle
- ☐ area of a polygon
- A distance between 2 lines
- ↗ point-line distance
- ↗ distance between parallel lines
- ↗ distance between line and first parallel line
- ☉ center distance of concentric circle
- ☉ radius of a 2-point circle
- ☉ radius of a 3-point circle
- ☉ center distance of 2 circles
- ☉ radius of a circle
- + cross line
- # double cross line
- ∠ angle
- ⤵ arc

STANDARD DELIVERY

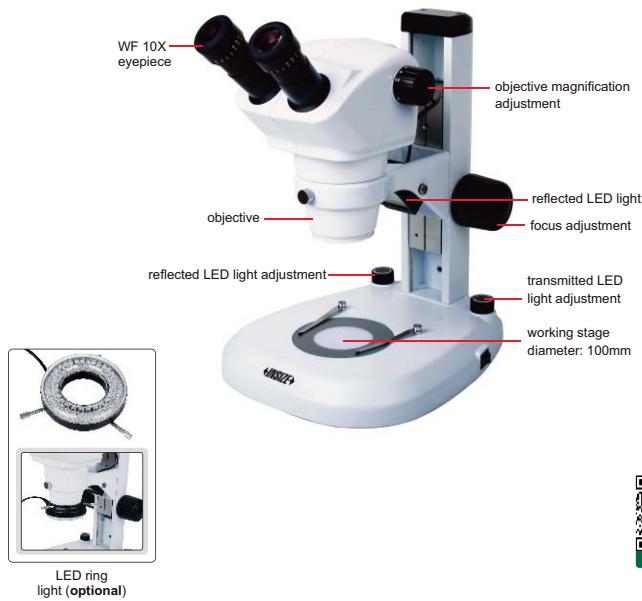
Main unit	1 pc
USB cable	1 pc
HDMI cable	1 pc
IR remote controller	1 pc
Mouse	1 pc
8G memory card and holder	1 pc
Plastic calibration rule	1 pc
Power adapter	1 pc



■ Screen freezing:



ZOOM STEREO MICROSCOPE (STANDARD TYPE) CODE ISM-ZS50



SPECIFICATION

List Price (₹)	74732
Promotion Price (₹)	60092
Optical tube	binocular
Eyepiece (wide field)	10X (view field: Ø22mm)
Objective	0.8X-5X (zoom)
Zoom ratio	1:6.3
Pupil distance	55-75mm (adjustable)
Diopter adjustment	±5 diopter (two eyepieces)
Working distance of objective	115mm
Max. workpiece height	215mm
Illumination	adjustable reflected and transmitted LED light
Power supply	110/220V, 50/60Hz
Dimension (L×W×H)	290x260x480mm
Weight	4.9kg

STANDARD DELIVERY

Main unit	1 pc
WF10X eyepiece	2 pcs
Ø100mm glass plate	1 pc
Ø100mm white/black plate	1 pc
Anti-dust cover	1 pc

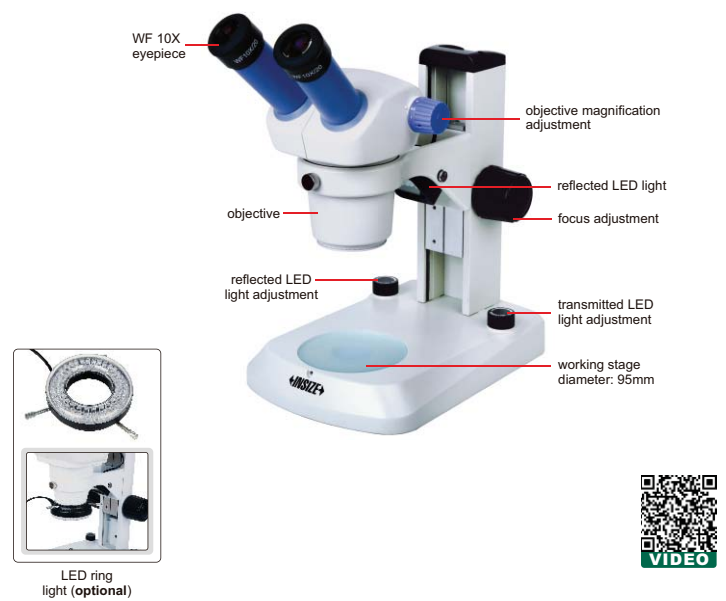
OPTIONAL ACCESSORY

Auxiliary objective	0.5X	ISM-ZS50-OB05X *
	2X	ISM-ZS50-OB2X
Eyepiece	10X dividing eyepiece (graduation 0.1mm/div.)	ISM-ZS50-EPD10X
	WF15X (view field: Ø16mm)	ISM-ZS50-EP15X
	WF20X (view field: Ø12mm)	ISM-ZS50-EP20X
LED ring light		ISM-ZS-RL
Sleeve for auxiliary objective		ISM-ZS30-ADAPTER
Digital camera for ISM-ZS50T		ISM-CM20, ISM-CM63, ISM-ZS70-S
Camera adapter 0.5X for ISM-ZS50T		ISM-MAS-ADAPTER **

* 0.5X auxiliary objective must be used with ISM-ZS30-ADAPTER

** Digital camera must be used with camera adapter 0.5X

ZOOM STEREO MICROSCOPE (BASIC TYPE) CODE ISM-ZS30



SPECIFICATION

List Price (₹)	36189
Promotion Price (₹)	29100
Optical tube	binocular
Eyepiece (wide field)	10X (view field: Ø20mm)
Objective	1X-4.5X (zoom)
Zoom ratio	1:4.5
Pupil distance	55-75mm (adjustable)
Diopter adjustment	±5 diopter (two eyepieces)
Working distance of objective	97mm
Max. workpiece height	147mm
Illumination	adjustable reflected and transmitted LED light
Power supply	110/220V, 50/60Hz
Dimension (L×W×H)	260×190×400mm
Weight	4.3kg

STANDARD DELIVERY

Main unit	1 pc
WF 10X eyepiece	2 pcs
Ø95mm glass plate	1 pc
Ø95mm white/black plate	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

Auxiliary objective	0.5X	ISM-ZS30-OB05X *
	0.63X	ISM-ZS30-OB06X *
	0.75X	ISM-ZS30-OB07X *
	2X	ISM-ZS30-OB2X
Eyepiece	10X dividing eyepiece (graduation 0.1mm/div.)	ISM-ZS30-EPD10X
	WF15X (view field: Ø16mm)	ISM-ZS50-EP15X
	WF20X (view field: Ø12mm)	ISM-ZS50-EP20X
LED ring light		ISM-ZS-RL
Sleeve for auxiliary objective		ISM-ZS30-ADAPTER
Digital camera		ISM-CM63
Camera adapter 0.75X **		ISM-AD-0D75

* 0.5X, 0.63X and 0.75X auxiliary objectives must be used with ISM-ZS30-ADAPTER

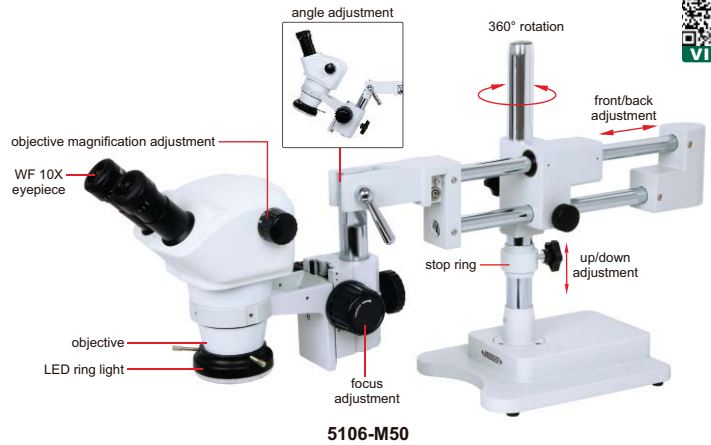
** Digital camera must be used with camera adapter 0.75X

ZOOM STEREO MICROSCOPE (WITH UNIVERSAL STAND)



SPECIFICATION

Code	5106-M50
List Price (₹)	85417
Promotion Price (₹)	74057
Optical tube	binocular
Eyepiece (wide field)	10X (view field: Ø22mm)
Objective	0.8X~5X (zoom)
Zoom ratio	1:6.3
Pupil distance	55~75mm
Diopter adjustment	±5 diopter (two eyepieces)
Working distance of objective	115mm
Max. workpiece height	300mm
Illumination	adjustable reflected LED ring light
Power supply	power adapter
Dimension (L×W×H)	790×230×430mm
Weight	20kg



OPTIONAL ACCESSORY

Auxiliary objective	0.5X	ISM-ZS50-OB05X*
	2X	ISM-ZS50-OB2X
Eyepiece	10X dividing eyepiece (graduation 0.1mm/div.)	ISM-ZS50-EPD10X
	WF15X (view field: Ø16mm)	ISM-ZS50-EP15X
	WF20X (view field: Ø12mm)	ISM-ZS50-EP20X
Sleeve for auxiliary objective		ISM-ZS30-ADAPTER
Digital camera for 5106-M50T		ISM-CM20, ISM-CM63, ISM-ZS70-S
Camera adapter 0.5X for 5106-M50T**		ISM-MAS-ADAPTER

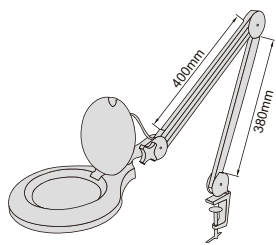
* 0.5X auxiliary objective must be used with ISM-ZS30-ADAPTER

** 0.5X auxiliary objective must be used with sleeve

STANDARD DELIVERY

Main unit	1 pc
WF 10X eyepiece	2 pcs
LED ring light	1 pc
Anti-dust cover	1 pc

TABLE MAGNIFIER WITH ILLUMINATION
CODE 7516-5D



- LED illumination, working life 20000h

SPECIFICATION

List Price (₹)	3959
Promotion Price (₹)	3581
Magnification	2.25X
Diopter	5D
Lens diameter	Ø122mm
Illumination	power: 7W, illuminance: 420lm
Power supply	100~240V, 50~60Hz



TABLE MAGNIFIER WITH ILLUMINATION
CODE 7517-3D

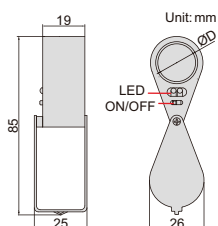
- Four steps brightness adjustment
- LED illumination, working life 20000h
- Resin lens

SPECIFICATION

List Price (₹)	3562
Promotion Price (₹)	3090
Magnification	1.75X
Diopter	3D
Lens diameter	Ø125mm
Illumination	power: 3W, illuminance: 260lm
Power supply	power adapter 12V, 1A



FOLDING MAGNIFIER WITH ILLUMINATION



7515-10

- Resin lens
- Powered by 3xLR927 batteries (included)



Code	Magnification	Lens diameter (ØD)	List Price (₹)	Promotion Price (₹)
7515-10	10X	Ø21mm	419	368

MAGNIFIER WITH TWO LENSES

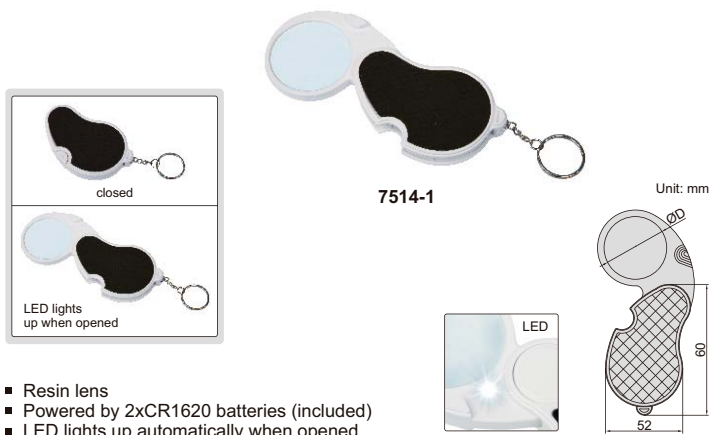


- Resin lens
- Interchangeable lenses
- Powered by 3 pcs AAA batteries (included)

7522-610

Code	Lens number	Magnification	Lens diameter (ØD)	List Price (₹)	Promotion Price (₹)
7522-610	2 pcs	10X	37mm	650	535
		6X	50mm		

FOLDING MAGNIFIER WITH ILLUMINATION



- Resin lens
- Powered by 2xCR1620 batteries (included)
- LED lights up automatically when opened

7514-1

Code	Magnification	Lens diameter (ØD)	List Price (₹)	Promotion Price (₹)
7514-1	2.5X	Ø45mm	331	290

MAGNIFIER WITH ILLUMINATION

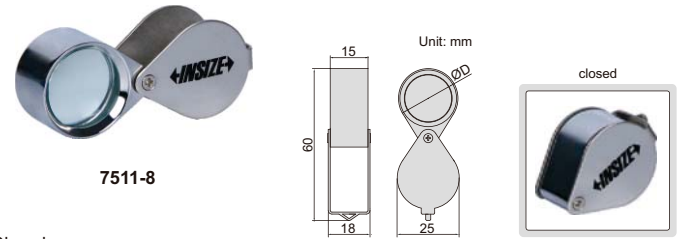


- Glass lens
- Powered by 3xAG7 batteries
- 3 pcs LED and 3 pcs UV
- Base with scale, graduation: 0.5mm, 1/16"

7524-10

Code	Magnification	Lens diameter (ØD)	L	H	W	List Price (₹)	Promotion Price (₹)
7524-10	10X	Ø30mm	60	50	56	1257	1101

FOLDING MAGNIFIER



- Glass lens

7511-8

Code	Magnification	Lens diameter (ØD)	List Price (₹)	Promotion Price (₹)
7511-8	10X	Ø21mm	152	134

MAGNIFIERS WITH ILLUMINATION



- Glass lens
- Powered by 3xAAA batteries (included)

7513-2

7513-4

Code	Magnification	Lens diameter (ØD)	L	h	List Price (₹)	Promotion Price (₹)
7513-2	2X	Ø75mm	170mm	90mm	381	334
7513-4	4X	Ø50mm	145mm	90mm	350	307

MAGNIFIER WITH ILLUMINATION

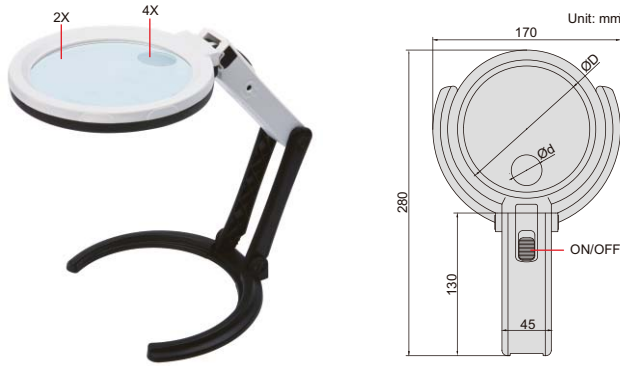


- Two magnifications
- LED illumination
- Powered by 2 pcs AAA batteries (included)
- Resin lens

7518-26

Code	Magnification	Lens size	List Price (₹)	Promotion Price (₹)
7518-26	2X/6X	90x55mm	708	613

THREE WAYS MAGNIFIER WITH ILLUMINATION

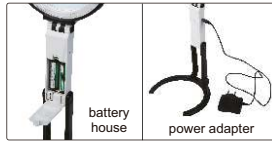


7512-1

- Resin lens
- Powered by 2xAA batteries (included) or power adapter (110~240V, 50~60Hz)



three ways use

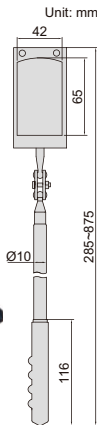


Code	Magnification	Lens diameter (ØD)	Lens diameter (ØD)	List Price (₹)	Promotion Price (₹)
7512-1	2X/4X	Ø120mm	Ø28mm	1129	991

TELESCOPING INSPECTION MIRROR (WITH ILLUMINATION)



7162-1



- Inspect hidden areas
- Head can bend and rotate
- Telescoping handle, made of stainless steel
- With two CR2032 batteries

Code	Size of mirror	Length	List Price (₹)	Promotion Price (₹)
7162-1	65x42mm	285-875mm	432	372

MAGNIFICATION GLASSES

- Resin lens
- Interchangeable lenses
- Powered by 3 pcs AAA batteries (included)



7523-3D5



Code	Lens number	Magnification	List Price (₹)	Promotion Price (₹)
7523-3D5	5 pcs	1X	1003	826
		1.5X		
		2X		
		2.5X		
		3.5X		

TELESCOPING MAGNETIC PICK-UP AND FLASHLIGHT



7163-1

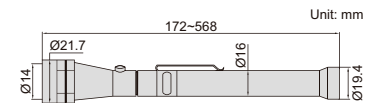


magnetic head



magnetic end to attach on steel surfaces

- Magnetic force of the head: 2kgf
- For illumination and pick up steel parts in hidden areas
- Head can bend
- Telescoping handle, made of stainless steel
- Magnetic head and end
- With four LR44 batteries



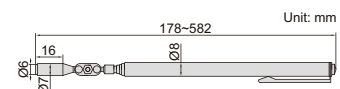
Code	Magnetic force of the end	Flashlight range	Battery life	Length	List Price (₹)	Promotion Price (₹)
7163-1	4kgf	3m	8h	172-568mm	581	499

TELESCOPING MAGNETIC PICK-UP



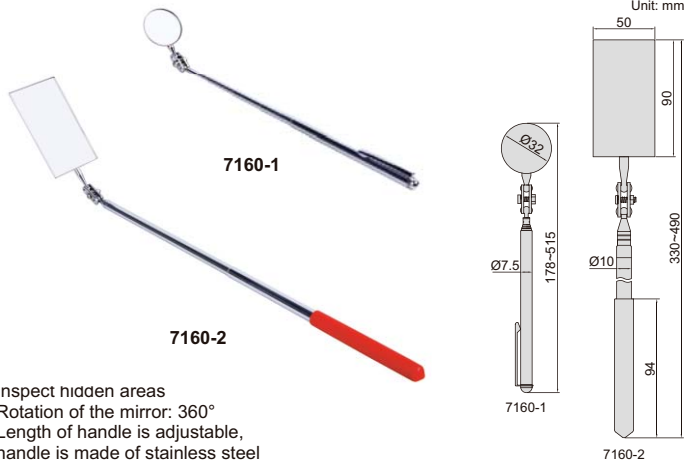
7161-1

- Pick up metal parts from hidden areas
- Rotation of the magnetic head: 360°
- Length of handle is adjustable, handle is made of stainless steel



Code	Size of magnetic tip	Magnetic force	Length	List Price (₹)	Promotion Price (₹)
7161-1	Ø6mm	0.45kgf	178-582mm	539	504

TELESCOPING INSPECTION MIRRORS



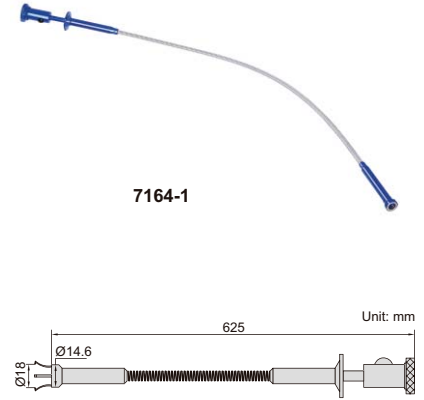
- Inspect hidden areas
- Rotation of the mirror: 360°
- Length of handle is adjustable, handle is made of stainless steel

Code	Size of mirror	Length	List Price (₹)	Promotion Price (₹)
7160-1	Ø32mm	178~515mm	501	467
7160-2	50x90mm	330~490mm	1197	1126

FLEXIBLE PICK-UP AND FLASHLIGHT

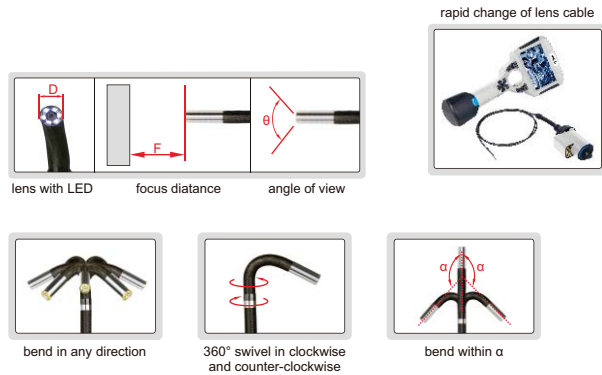


- To illumination, to pick up parts from hidden areas, or to pick up steel parts
- Flexible spring rod, made of stainless steel
- Three LR44 batteries



Code	Magnetic force	Flashlight range	Battery life	List Price (₹)	Promotion Price (₹)
7164-1	0.9kgf	1m	24h	518	396

HIGH-DEFINITION 360° SWIVEL VIDEOSCOPIES



SPECIFICATION

Code	ISV-MS726	ISV-MS724	
List Price (₹)	378721	469104	
Promotion Price (₹)	370844	459347	
Lens	diameter (D)	6.5mm	4mm
	lens bending range (α)	±160°	±120°
	focus distance (F)	15mm~∞	8~80mm
	viewing angle (θ)	>120°	
	illumination	6 pcs LED	
	pixel	0.92M	
	resolution	1280x720	
	dust/waterproof	IP64	
	bend control	manual joystick	
Cable	length	1.5m	
	type	tungsten wire weaved cable	
Main unit	function	take picture, take video	
	file format	picture: JPG, video: AVI	
	image process	brightness, image quality zoom (1X, 1.5X, 2X, 2.5X, 3X)	
	memory	32G SD card	
	output	TV, USB, HDMI	
	temperature sensing	display real-time temperature of the probe	
	screen rotation	180°	
	power supply	rechargeable battery (for 4 hours working) AC/DC adapter (for continuous working)	
	Weight	650g	600g



IP64 WATERPROOF

TUNGSTEN WIRE WEAVED CABLE BREAK AND WEAR RESISTANCE



connect to 13.3" high-definition display (with stand and HDMI cable) (optional)



STANDARD DELIVERY

Main unit	1 pc
Cable with lens	1 pc
32G SD card	1 pc
AC/DC adapter	1 pc
Video output cable	1 pc
USB cable	1 pc

OPTIONAL ACCESSORY

13.3" high-definition display (with stand and HDMI cable)	ISV-MS-DS
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360° SWIVEL VIDEOSCOPIES (BASIC TYPE)

TUNGSTEN WIRE WEAVED CABLE
BREAK AND WEAR RESISTANCE



SPECIFICATION

Code	ISV-T105	ISV-S106
List Price (₹)	120755	144869
Promotion Price (₹)	111095	133280
Lens	diameter (D)	6mm
	pixel	1M
	resolution	1280×720
	depth of field	20~150mm
	bending direction	360°
	bending range(α)	0°~220°
	angle of view(θ)	120°
	illumination	7 pcs LED, with 6 levels control
	illuminance	25000Lux
	lens	sapphire glass lens
	dust/waterproof	IP67
	bend control	manual joystick
	temperature alarm	temperature sensor (optional)
Cable	length	1m 1.5m
	type	tungsten wire weaved cable
Main unit	display	3.5" IPS full-view display
	display resolution	640×480
	function	take pictures, take videos
	file format	picture: JPG, video: MP4
	image process	image zoom (1X, 2X, 3X, 4X, 5X)
	memory	memory card (Maximum: 64G)
	output	USB, HDMI, WIFI (optional)
	dust/waterproof	IP65
	power supply	rechargeable lithium battery (working time \geq 3hours; optional: additional battery, working time \geq 9hours) AC/DC adapter (for continuous working)
	Weight	1000g



ISV-S106

STANDARD DELIVERY

Main unit (with cable & lens)	1 pc
16G SD card	1 pc
Card reader	1 pc
USB cable	1 pc
Battery	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Additional battery	ISV-S106-BATTERY
WIFI output	ISV-S106-WIFI
Temperature alarm	ISV-S106-HT-ALARM

ROUGHNESS TESTER
CODE ISR-C003



calibration block (included)

- Unit: μm , μin
- Automatic power off



fixture for small shafts (optional)



application

STANDARD DELIVERY

Main unit	1 pc
Calibration block	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Fixture for small shafts	ISR-C003-FIXTURE
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SPECIFICATION

List Price (₹)	83174	
Promotion Price (₹)	70098	
Parameters	Ra, Rz, Rq, Rt	
Range	Ra, Rq: 0.05~15 μm Rz, Rt: 0.1~50 μm	
Accuracy	$\pm 10\%$	
Resolution (Ra)	0.01 μm	
Probe	type	piezoelectric
	stylus radius/angle	10 $\mu\text{m}/90^\circ$
	stylus material	diamond
Measuring force	5mN	
Measuring unit	$\mu\text{m}/\mu\text{in}$	
Cut off	0.25/0.8/2.5mm	
Evaluation length	1.25mm for cut off 0.25mm 4mm for cut off 0.8mm 5mm for cut off 2.5mm	
Traverse speed	0.75mm/s	
Power	built-in rechargeable battery	
Dimension (L×W×H)	106×70×24mm	
Weight	200g	

ROUGHNESS TESTER CODE ISR-C002

CAN BE CONTROLLED
BY COMPUTER

DATA
OUTPUT



software CD (included)



printer (optional)



adjustable stand (included)



- 21 roughness parameters
- Display roughness values, profile and curve
- Memory of maximum 100 results
- Automatic power off

probe cover (included)



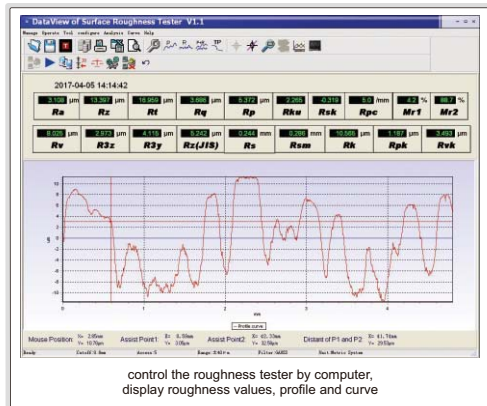
data transmission cable (optional)



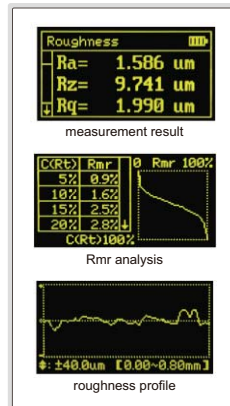
light duty test stand (optional)



software (included)



screen display



heavy duty test stand (optional)



Unit: mm

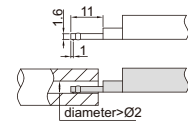
extension rod (optional), code ISR-C002-ER



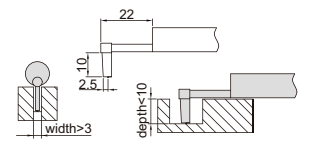
transverse rod (optional), code ISR-C002-TR



small hole probe (optional), code ISR-C002-SBP



deep groove probe (optional), code ISR-C002-DGP



SPECIFICATION

List Price (₹)	110589	
Promotion Price (₹)	85826	
Parameters	Ra, Rz, Rq, Rv, Rp, RS, R3z, R3y, Rt, Rz (JIS), Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Ry (JIS), Rmax	
Range	160µm	
Accuracy	±10%	
Resolution (Ra)	0.001µm	
Probe	type	inductive
	stylus radius/angle	5µm/90°
	stylus material	diamond
Measuring force	4mN	
Measuring unit	µm/µin	
Cut off	0.25/0.8/2.5mm	
Number of cut-offs	1 to 5	
Traverse speed	0.5mm/s, 1mm/s	
Memory	100 measurement results	
Output	USB	
Power	built-in rechargeable battery	
Dimension (L×W×H)	141×55×40mm	
Weight	400g	

STANDARD DELIVERY

Main unit	1 pc
Standard probe	1 pc
Calibration block and support	1 pc of each
Adjustable stand	1 pc
Probe cover	1 pc
Software	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Extension rod	ISR-C002-ER
Transverse rod	ISR-C002-TR
Deep groove probe	ISR-C002-DGP
Small hole probe	ISR-C002-SBP
Light duty test stand	ISR-C002-STAND1
Heavy duty test stand	ISR-C002-STAND
Printer	ISR-C002-PRINTER
Data transmission cable	ISR-C002-SPC

**ROUGHNESS TESTER (SEPARABLE TYPE)
CODE ISR-C300**

- Roughness tester can be operated by mobile phone (only android system) or computer
- Data can be output to Excel by connecting with computer via bluetooth or USB cable
- Support bluetooth printer
- 22 roughness parameters
- Meet ISO, DIN, ANSI, JIS standards
- Display roughness values, profile and curve
- Memory of maximum 100 data and waveform
- Built-in lithium battery, working time more than 50 hours
- Touch screen
- Automatic power off



CAN BE OPERATED BY
COMPUTER OR MOBILE PHONE

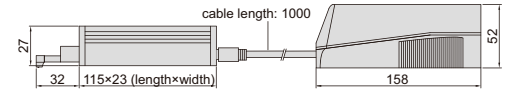
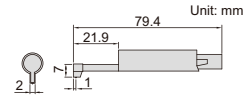
TOUCH SCREEN



VIDEO

BLUETOOTH

DATA
OUTPUT



magnetic stand adapter (included)



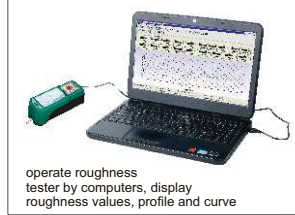
can be installed on magnetic stands

connect to mobile phones via bluetooth
(only Android system)



operate roughness tester by mobile phones, display roughness values, profile and curve

connect to computers via USB cable
(software is included)

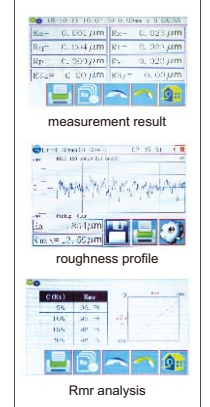


operate roughness tester by computers, display roughness values, profile and curve

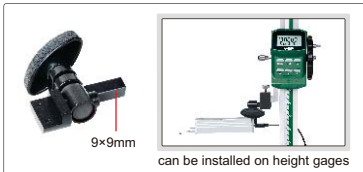
bluetooth printer (optional)



roughness tester screen display



height gage adapter (optional)



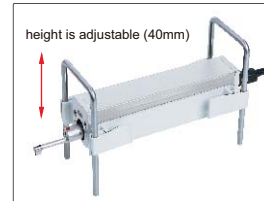
can be installed on height gages

data can be sent to Excel by connecting to computer via bluetooth or USB cable



bluetooth receiver (optional)

adjustable stand (included)



height is adjustable (40mm)

NOTE: Please check whether the adapter can fit your height gages. When using INSIZE height gages, please use the dial test indicator holder of height gages

optional probes

Unit: mm

<p>extension rod (optional), code ISR-C002-ER</p>	<p>deep groove probe (optional), code ISR-C002-DGP</p>	<p>tiny hole probe (optional), code ISR-C002-SBP</p>	<p>small hole probe (optional), code ISR-C002-PROBE</p>
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SPECIFICATION

List Price (₹)	124955	
Promotion Price (₹)	102919	
Parameters	Ra, Rz, Rq, Rv, Rp, Rs, R3z, R3y, Rt, Rc, Rz (JIS), Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Ry, Rmax	
Range	X axis	17.5mm
	Z axis	320µm (-160µm~160µm)
Accuracy	±10%	
Resolution (Ra)	0.001µm	
Probe	type	inductive
	stylus radius/angle	5µm/90°
	stylus material	diamond
Measuring force	4mN	
Measuring unit	µm/µin	
Cut off	0.25/0.8/2.5mm	
Number of cut-offs	1~5	
Traverse speed	0.135mm/s, 0.5mm/s, 1mm/s	
Memory	100 measurement results	
Output	USB and bluetooth	
Power	built-in rechargeable battery	
Dimension (L×W×H)	158×64×52mm	
Weight	400g	

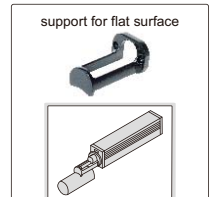
STANDARD DELIVERY

Main unit	1pc
Standard probe	1pc
Calibration block and support	1pc of each
Connecting cable (long and short)	1pc of each
Magnetic stand adapter	1pc
Adjustable stand	1pc
Touch pen	1pc
Software and USB cable	1pc
AC/DC adapter	1pc

probe and main unit can be combined together



probe support (optional)



support for cylindrical surface



OPTIONAL ACCESSORY

Extension rod	ISR-C002-ER
Small hole probe	ISR-C002-PROBE
Tiny hole probe	ISR-C002-SBP
Deep groove probe	ISR-C002-DGP
Bluetooth printer	ISR-C002-PRINTER
Height gage adapter	ISR-C300-LB1
Bluetooth receiver	ISR-C300-RECEIVER
Support for flat surface	ISR-C300-COVER1
Support for cylindrical surface	ISR-C300-COVER2

**COATING THICKNESS GAGE
CODE 9501-1200**

- Magnetic induction probe (FE) measures the thickness of non-magnetic coating on magnetic substrate.
Substrate: iron, steel, magnetic stainless steel (not for non-magnetic stainless steel)
Coating: zinc, copper, chrome, tin, plastic, powder, paint (not for nickel)
- Eddy current probe (NFE) measures the thickness of non-conductive coating on non-magnetic substrate.
Substrate: copper, aluminum, zinc, non-magnetic stainless steel
Coating: plastic, powder, paint, anodizing
- Tolerance measurement
- Automatic power off

FOR MAGNETIC AND NON-MAGNETIC SUBSTRATES

DATA OUTPUT



VIDEO



software CD (included)



magnetic induction probe FE (included)

SPECIFICATION

List Price (₹)	23956			
Promotion Price (₹)	22009			
Probe type	FE (included) magnetic induction probe	NFE (optional) eddy current probe	FE90 (optional) magnetic induction probe for bores and grooves	Fe10 (optional) magnetic induction probe for large range
Measuring range	0~1250µm	0~1250µm	0~1250µm	500~10000µm
Accuracy	±(3%L+1)µm (range≤1250µm) ±(3%L+10)µm (range>1250µm) L is measuring thickness in µm			
Resolution	0.1µm (range<100µm) 1µm (range≥100µm)			
Measuring mode	continuous and single			
Minimum substrate thickness	0.5mm	0.3mm	0.5mm	2mm
Minimum measuring area	Ø7mm	Ø5mm	Ø7mm	Ø40mm
Minimum curvature radius of convex workpiece	1.5mm	3mm	-	10mm
Memory	500			
Output	USB			
Power supply	2×1.5V AA batteries			
Dimension	128×68×32mm			
Weight	340g			



eddy current probe NFE (optional) with zero calibration block



magnetic induction probe FE90 for bores and grooves (optional)



magnetic induction probe FE10 for large range (optional)



zero calibration block for FE (included)



calibration foils (included)



data transmission cable (optional)

STANDARD DELIVERY

Main unit	1 pc
Magnetic induction probe (FE)	1 pc
Zero calibration block for FE probe	1 pc
Calibration foils (50µm, 100µm, 250µm, 500µm, 1000µm)	1 set
1.5V AA battery	2 pcs
Software and USB cable	1 pc

OPTIONAL ACCESSORY

Data transmission cable	9501-1200-SPC
Eddy current probe (NFE) with zero calibration block	9501-1200-NFE
Magnetic induction probe (FE90) for bores and grooves	9501-1200-FE90
Magnetic induction probe (FE10) for large range	9501-1200-FE10

**ULTRASONIC THICKNESS GAGE (BASIC TYPE)
CODE ISU-100D**

ATTENTION: NOT SUITABLE FOR CASTING WORKPIECES



VIDEO



LCD with backlight

4.00mm block for calibration

Ød1



- Measure the thickness from one side of objects, suitable for pipes, tanks, etc.
- Applicable material: metal, plastic, glass, nylon, resin, ceramic, ice

SPECIFICATION (ON STEEL)

List Price (₹)	36946	
Promotion Price (₹)	26380	
Measuring range	0.8~300mm	
Resolution	0.01mm (range<100mm) 0.1mm (range≥100mm)	
Accuracy	±0.04mm (range<10mm) ±(0.04+H/1000)mm (range 10~100mm) ±H/333mm (range≥100mm) H is the thickness to be measured in mm	
Transducer	frequency	5MHz
	diameter (Ød)	10.8mm
Minimum size of pipe for measurement	20×1.2mm (diameter × wall thickness)	
Applicable temperature	<60°C	
Velocity	1000-9999m/s	
Power supply	2×AAA batteries	
Dimension	114×64×28mm	
Weight	200g	

STANDARD DELIVERY

Main unit	1 pc
Transducer	1 pc
Couplant	1 bottle
Battery (AAA)	2 pcs

**INFRARED THERMAL IMAGING CAMERA (BASIC TYPE)
CODE 9132-T400**

NON-CONTACT
TEMPERATURE MEASUREMENT

IP54
WATERPROOF

DATA
OUTPUT

SPECIFICATION

List Price (₹)		50439
Promotion Price (₹)		47917
IR image	IR resolution	120×90@17µm
	Detector type	VOx/7.5~14µm
	Frame rate	25Hz/9Hz
	Thermal sensitivity/NETD	60mk
	Focal length	2.28mm/F1.13
	Field of view (FOV)	50°×38°
	Spatial resolution (IFOV)	7.6mrad
	Focus	Focus-free
Visible camera	Visible camera resolution	320×240, focus-free
	Flashlight	Yes
Image display	Display	2.4 inch IPS technology TFT display
	Display resolution	320×240
	Image model	IR/visible/picture-in-picture
	Color palettes	6: white hot, iron red, hot iron, arctic, rainbow 1, rainbow 2
Temperature measurement	Temperature range	-20~150°C, 100~400°C (auto switching)
	Accuracy	±2°C or ±2%, whichever is greater (target temp ≥0°C, ambient temp is 15~30°C)
	Measurement spot	Center spot
	Measurement area	3 (incl. max & min temp)
	Auto max & min spot tracking	Yes
Image storage	Alarm	Full screen max & min spot alarm
	Storage media	TF card (16G)
	IR image format	Full radiometric (JPG) (120 x 90)
	Visible image	Yes, 320x240
Connections & communications	USB	TYPE-C, TF card slot
	Tripod interface	Yes
	Mobile APP	Yes
	PC IR analysis software	Yes
Power system	Battery type	Rechargeable li ion battery
	Battery operation time	>5 hours
	Charging time	Internal charge, ≤2.5 hours
Environmental parameters	Operation temperature	-10~50°C
	Storage temperature	-40~70°C
	Protection	IP54, 2-meter drop test
	Certification	CE/ROHS/FCC
	Dimension (LxWxH)	194×61.5×76mm
Weight	350g	



- IR/visible/laser indicator
- Trigger button for photo taking
- 2-meter drop test, IP54 protection

STANDARD DELIVERY

Main unit	1 pc
Power supply adapter	1 pc
TYPE-C cable	1 pc
16G TF card	1 pc

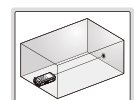
LASER DISTANCE METERS



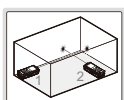
- Large display with backlight
- Unit: m, ft, in
- Distance, area, volume and height measurement
- Continuous measuring mode to track maximum and minimum value
- Memory of 20 measurement values
- Automatic power off: laser 30s, main unit 180s



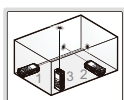
9561-40A



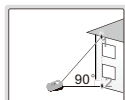
distance measurement



area measurement



volume measurement



height measurement

SPECIFICATION

Code	9561-40A	9561-80A
List Price (₹)	3416	4536
Promotion Price (₹)	3075	4082
Measuring range	0.05~40m	0.05~80m
Resolution	0.001m, .001ft, .001", .01"	
Accuracy	±(3.0+D/20)mm D:measured distance, unit: m	
Measuring speed	0.25 second	
Laser type	620~690nm, class II, <1mW	
Power supply	2×AAA batteries, for 5000 measurements	
Dimension (L×W×H)	117×53×27mm	
Weight	91g	

STANDARD DELIVERY

Main unit	1 pc
Battery (AAA)	2 pcs

**PEN-TYPE DIGITAL MULTIMETER
CODE 9241-ML200**



- Auto/manual ranging
- Maximum mode
- Data hold
- Low battery display
- Auto power off
- Safety rating: CAT III 600V

List Price (₹)	2430
Promotion Price (₹)	2309



probe (included)



clips (included)



SPECIFICATION

Function	Range	Resolution	Accuracy
DC Voltage	200mV/2V/20V/200V/600V	0.1mV/1mV/10mV/0.1V/1V	±(0.7%+2)
AC Voltage	200mV/2V/20V/200V	0.1mV/1mV/10mV/0.1V	±(0.8%+3)
	600V	1V	±(1.0%+3)
DC Current	20mA/200mA	10µA/0.1mA	±(1.5%+3)
AC Current	20mA/200mA	10µA/0.1mA	±(2.0%+3)
Resistance	200Ω	0.1Ω	±(1.0%+3)
	2kΩ/20kΩ/200kΩ/2MΩ	1Ω/10Ω/0.1kΩ/1kΩ	±(1.0%+1)
	20MΩ	10kΩ	±(1.0%+5)
Logic level test	<1.5V (green LED on) 1.5~3.5V (green & red LED off) >3.5V (red LED on)		
Diode	open circuit voltage 1.5V		
Continuity buzzer	<50Ω		
Power supply	2×1.5V AAA batteries		

STANDARD DELIVERY

Main unit	1 pc
Probe	1 pc
Clip	2 pcs
1.5V battery	2 pcs

**DIGITAL MULTIMETER
CODE 9242-ML100**



- Data hold
- Display backlight
- Low battery display
- Safety rating: CAT II 600V

List Price (₹)	1346
Promotion Price (₹)	1279



probes (included)



SPECIFICATION

Function	Range	Resolution	Accuracy
DC Voltage	200mV/2V/20V/200V	0.1mV/1mV/10mV/0.1V	±(0.5%+3)
	600V	1V	±(0.8%+5)
AC Voltage	200V/600V	0.1V/1V	±(1.2%+10)
DC Current	200µA/2mA	0.1µA/1µA	±(1.0%+3)
	20mA	10µA	±(1.0%+5)
	200mA	0.1mA	±(1.5%+5)
	10A	10mA	±(3.0%+10)
Resistance	200Ω	0.1Ω	±(0.8%+5)
	2kΩ/20kΩ/200kΩ	1Ω/10Ω/0.1kΩ	±(0.8%+2)
	2MΩ	1kΩ	±(1.0%+5)
Diode	open circuit voltage 3.0V		
Continuity buzzer	<70±30Ω		
Transistor hFE	measuring range 0~1000		
Power supply	1×9V 6F22/NEDA 1604 battery		

STANDARD DELIVERY

Main unit	1 pc
Probe	2 pcs
9V battery	1 pc

**SOUND LEVEL METER
CODE 9352-130**

- Automatically select best range: 30~80dB, 40~90dB, 50~100dB, 60~110dB, 70~120dB, 80~130dB
- Over range indicator
- Maximum/Minimum recording function
- Data hold function
- Automatic power off



List Price (₹)	5095
Promotion Price (₹)	4586

STANDARD DELIVERY

Main unit	1 pc
Battery (AAA)	3 pcs

SPECIFICATION

Measuring range	30~130dB
Frequency	30Hz~8KHz
Resolution	0.1dB
Accuracy	±1.5dB (94dB@1KHz) ±5dB (94dB@8KHz)
Frequency weighting	A weighting
Response time	fast: 125ms, slow: 1s
Microphone	electret condenser type
Power supply	3×1.5V AAA batteries
Dimension	189×60×33mm
Weight	180g

**AC DIGITAL CLAMP METER
CODE 9243-CA600**

- Auto/manual ranging
- Maximum mode
- Data hold
- Display backlight
- Work light
- Low battery display
- Auto power off
- Safety rating: CAT III 600V



probes (included)

List Price (₹)	2691
Promotion Price (₹)	2556

STANDARD DELIVERY

Main unit	1 pc
Probe	2 pcs
1.5V battery	3 pcs

SPECIFICATION

Function	Range	Resolution	Accuracy
DC Voltage	200mV/2V/20V/200V	0.1mV/1mV/10mV/0.1V	±(0.8%+2)
	600V	1V	±(1.0%+2)
AC Voltage	2V/20V/200V	1mV/10mV/0.1V	±(1.0%+5)
	600V	1V	±(1.2%+5)
AC Current	2A(≤0.5A)	1mA	±(3.5%+20)
	2A	1mA	±(3.0%+10)
	20A	10mA	±(3.0%+10)
	200A	0.1A	±(2.5%+10)
Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	0.1Ω/1Ω/10Ω/0.1kΩ/1kΩ	±(1.2%+2)
	20MΩ	10kΩ	±(2.0%+5)
Diode	open circuit voltage 1.5V		
Continuity buzzer	<50Ω		
Power supply	3×1.5V AAA batteries		
Dimension	208×78×35mm		
Weight	245g		



VIDEO

**NON-CONTACT DIGITAL TACHOMETER
CODE 9221-999**

- Maximum and minimum modes
- Memory 100 measurement values
- Automatic power off

List Price (₹)	4224
Promotion Price (₹)	4013

STANDARD DELIVERY

Main unit	1 pc
Reflection sticker	1 roll
Battery (AAA)	4 pcs

reflection sticker (included)



SPECIFICATION

Measuring range	50~99999RPM
Accuracy	±(0.03%+2) RPM
Resolution	0.01RPM (range 50~99.99RPM)
	0.1RPM (range 100~9999.9RPM) 1RPM (range 10000~99999RPM)
Measuring distance	50~250mm
Power supply	4×AAA batteries
Dimension	155×60×27mm
Weight	118g



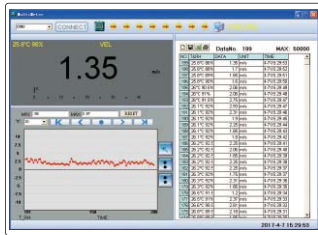
VIDEO

**DIGITAL ANEMOMETER
CODE 9331-40**



DATA
OUTPUT

List Price (₹)	6718
Promotion Price (₹)	6382



software (included), display measurement values and graph, save and output data



SPECIFICATION

Measuring range	velocity	0.8~30m/s, 2.88~108km/h, 1.8~67.2mil/h, 2.62~98.5ft/s, 157.5~5900ft/m, 1.6~58.3knots
	flow	0~99.99CMS, 0~999.9CMM, 0~999.9CFM
	temperature	-10~60°C/14~140°F
Accuracy	relative humidity	0~100%RH
	velocity	±(2%+0.5) for m/s, km/h, mil/h, ft/s, knots ±(2%+50) for ft/m
	temperature	±1.5°C/±2.7°F
Resolution	relative humidity	±3% (20~80%RH), ±5% (<20%RH or >80%RH)
	velocity	0.01m/s, 0.01km/h, 0.01mil/h, 0.01ft/s, 1ft/m, 0.01knots
	flow	0.01CMS, 0.1CMM, 0.1CFM
Resolution	temperature	0.1°C/0.1°F
	relative humidity	0.1%RH
	velocity	0.01m/s, 0.01km/h, 0.01mil/h, 0.01ft/s, 1ft/m, 0.01knots
flow	0.01CMS, 0.1CMM, 0.1CFM	
temperature	0.1°C/0.1°F	
relative humidity	0.1%RH	
Flowing area range	0~9.999m²/0~9.999ft²	
Sampling time	0.4s	
Maximum working height	2000m	
Output	USB	
Power supply	9V battery	
Dimension	165×85×38mm	
Weight	200g	

- Measure velocity, flow, temperature and relative humidity
- Velocity unit: m/s, km/h, mil/h, ft/m, ft/s, knots
- Flow unit: CMS (cubic meter per second), CMM (cubic meter per minute), CFM (cubic feet per minute)
- Temperature type: ambient, dew point, wet bulb
- Maximum and minimum modes
- Automatic power off

STANDARD DELIVERY

Main unit	1 pc
USB cable and software	1 pc
9V battery	1 pc

software CD (included)



**DIGITAL MOISTURE METER
CODE 9341-50**

SPECIFICATION

Measuring depth	0~50mm	
Measuring range	moisture	0~60%
	temperature	-10~50°C/14~122°F
	relative humidity	0~100%RH
Accuracy	moisture	±2%
	temperature	±2%
	relative humidity	±5%RH
Resolution	moisture	0.1%
	temperature	0.1°C/0.1°F
	relative humidity	0.1%RH
Sampling time	0.5s for moisture 1s for temperature and relative humidity	
Power supply	2×AAA batteries	
Dimension	130×56×29mm	
Weight	206g	

- Suitable for wood, smooth cement, hard gypsum, mixed mortar, brick, etc.
- Measure moisture, temperature and relative humidity
- Temperature type: ambient, dew point, wet bulb
- Maximum and minimum modes
- Automatic power off

List Price (₹)	5246
Promotion Price (₹)	4984

STANDARD DELIVERY

Main unit	1 pc
Battery (AAA)	2 pcs



**THERMOHYGROMETER
CODE 9361-T65**

- Measure humidity, ambient temperature, dew-point temperature and wet bulb temperature
- Min/Max/Average, data hold function
- Display backlight
- Auto power off

List Price (₹)	5117
Promotion Price (₹)	4437

STANDARD DELIVERY

Main unit	1 pc
Battery (AAA)	3 pcs



SPECIFICATION

Function	Measuring range	Resolution	Accuracy
Ambient temperature	-20°C~60°C/-4°F~140°F	0.1°C/0.1°F	±1°C/2°F
Wet bulb temperature	-20°C~60°C/-4°F~140°F		
Dew-point temperature	-10°C~50°C/14°F~122°F		
Humidity	0~99.9%RH	0.1%RH	±5%RH
Date storage	99 groups		
Auto power off	30 minutes		
Weight	190g		
Dimension	180×60×33mm		
Power supply	3×AAA battery		

**LUX METER
CODE 9371-L110**

- Measure visible light emitted by fluorescent lamp, metal halide lamp, high voltage sodium lamp or incandescent lamp
- Min/Max, data hold
- Two units: LUX and FC
- Reading in digital and analog
- Display backlight
- Auto power off



List Price (₹)	5117
Promotion Price (₹)	4437

STANDARD DELIVERY

Main unit	1 pc
Battery (AAA)	3 pcs

SPECIFICATION

Measuring range	0~200000LUX (0~20000FC)
	0.1LUX (range<1000LUX), 1LUX (range≥1000LUX)
Resolution	0.01FC (range<100FC), 0.1FC (range<1000FC), 1FC (range≥1000FC)
Accuracy	±4%
LED type	standard light source, white LED, red LED, yellow LED, green LED, blue LED, purple LED
Sensor	silicon photo-diode and spectral response filter
Operating temperature	0°C~40°C
Operating humidity	<80%RH
Operating altitude	<2000m
Sampling rate	about 0.5 seconds
Spectral range	320~730nm
Auto power off	10 minutes
Dimension	190×60×33mm
Weight	180g
Power supply	3×AAA battery

**DIGITAL REFRACTOMETER
CODE ISQ-DRM31**

SUITABLE FOR WATER BASED COOLANT

- Quickly measure the concentration of coolant
- Two measurement modes: single measurement and automatic average multiple measurement
- Two units: brix and refractive index
- Refer to the refraction factor of coolant, for example: the refraction factor of grinding emulsion is 2.1, the reading value is 6%, so the actual concentration is (2.1×6%)=12.6%
- Automatic power off



SPECIFICATION

List Price (₹)	18527
Promotion Price (₹)	16063
Measuring range	0~50% (1.3330~1.4200RI)
Accuracy	±0.2% (±0.0003RI)
Resolution	0.1% (0.0001RI)
Power supply	1×AAA battery
Dimension	121×58×25mm
Weight	90g

dropper (included)

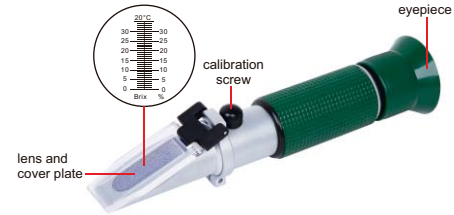


STANDARD DELIVERY

Main unit	1 pc
Dropper	1 pc
Battery (AAA)	1 pc

**PORTABLE REFRACTOMETER
CODE ISQ-RM30**

SUITABLE FOR WATER BASED COOLANT

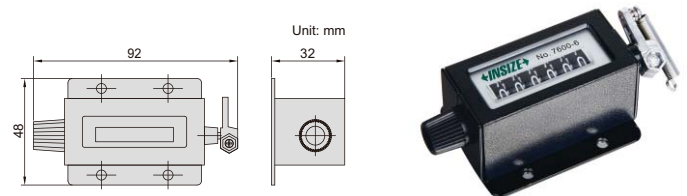


SPECIFICATION

List Price (₹)	4234
Promotion Price (₹)	3023
Measuring range	0~32%
Graduation	0.2%
Dimension	27×40×160mm
Weight	175g

- Quickly measure the concentration of coolant
- Refer to the refraction factor of coolant, for example: the refraction factor of grinding emulsion is 2.1, the reading value is 6%, so the actual concentration is (2.1×6%)=12.6%

**STROKE COUNTER
CODE 7600-6**



- Accumulate and record the number of mechanical movements
- Rotate back to zero

Code	Number of digits	Range	List Price (₹)	Promotion Price (₹)
7600-6	6	0-999999	461	380

**DIGITAL STOPWATCH
CODE DSW-A010**

- Split time, total time and continuous time can be displayed
- 10 groups of results can be read out from memory after resetting
- Scroll back and forth to read out the memory digits
- The fastest, slowest and average time can be displayed
- Able to record the split times (00-199)



List Price (₹)	2477
Promotion Price (₹)	2229

SPECIFICATION

Measuring range	0~9 hour, 59 minutes, 59.99 seconds	
Resolution	0.01s	
Accuracy	±0.5s	
Function	memory	10 groups
	Timer	up to 10 hours
	Time	12-hour or 24-hour time display, alarm can be set
Power supply	LR44 battery	
Screen dimension	33.6×13.6mm	
Dimension	76×63×16mm (metal case)	

STANDARD DELIVERY

Main unit	1 pc
String	1 pc

DIGITAL LEVEL AND SLOPE METER



BACKLIGHT

WORKING TEMPERATURE:
-5°C ~ 50°C

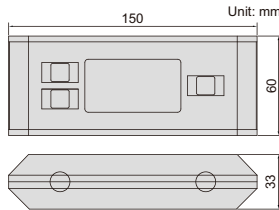
BUZZER ALARM
AT 0° AND 90°

IP54
WATERPROOF

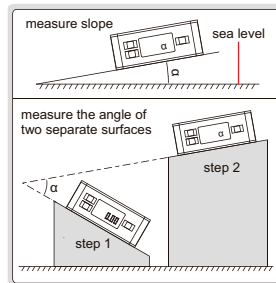
ABSOLUTE
LEVEL



2179-360



- IP54 dust/waterproof
- Used as level and slope meter
- Aluminum frame
- Magnetic bottom with V-groove for shafts
- The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- Buttons: ON/OFF, absolute and incremental measurement, keep the reading, buzzer alarm, unit (mm/m, %, in/ft), conversion, backlight
- Two AAA batteries
- Automatic power off



Code	Range	Resolution	Accuracy	List Price (₹)	Promotion Price (₹)
2179-360	0-360° (90°x4)	0.05° (=0.873 mm/m)	at 0° and 90°: ±0.1°; at others: ±0.2°	6711	4452

DIGITAL LEVEL AND SLOPE METER



DISPLAY FLIPS OVER WHEN
THE BOTTOM FACES UP

WORKING TEMPERATURE:
-5°C~50°C

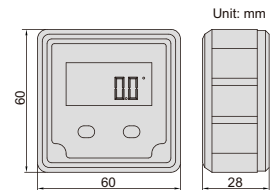
MAGNETIC
BOTTOM

BACKLIGHT

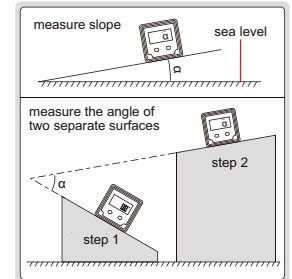
ABSOLUTE
LEVEL



2170-1

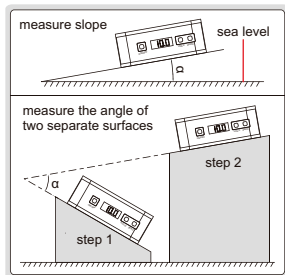


- Used as level and slope meter
- Aluminum frame
- Magnetic bottom
- The display flips over when the bottom faces up
- The backlight is on automatically when in use, and automatically off in 15 seconds after use
- The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- Buttons: ON/OFF, ZERO, absolute and incremental measurement
- One AAA battery
- Automatic power off in 5 minutes



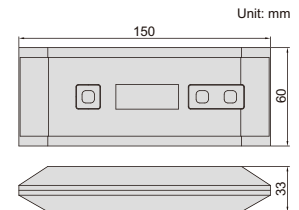
Code	Range	Resolution	Accuracy	List Price (₹)	Promotion Price (₹)
2170-1	4x90°	0.1° (=1.745 mm/m)	at 0° and 90°: ±0.1°; at others: ±0.2°	2827	1898

DIGITAL LEVEL AND SLOPE METER



2173-360

- Aluminum frame
- Used as level and slope meter
- Magnetic bottom with V-groove for shafts on any plain surfaces
- Buttons: ON/OFF, ZERO, HOLD (keep the reading)
- CR2032 battery
- Automatic power off



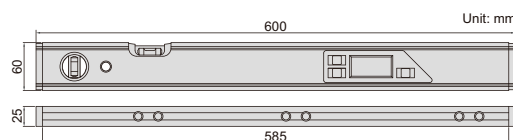
Code	Range	Resolution	Accuracy	List Price (₹)	Promotion Price (₹)
2173-360	0-360° (90°x4)	0.1° (=1.745 mm/m)	at 0° and 90°: ±0.1°; at others: ±0.2°	6316	4046

DIGITAL LEVEL AND SLOPE METER

- With transverse and longitudinal vials
- Used as level and slope meter
- Aluminum frame, magnetic bottom
- The sea level is permanently set inside the chip, zero setting is not needed when batteries are replaced
- Buttons: ON/OFF, absolute and incremental measurement, keep the reading, buzzer alarm, unit (mm/m, %, in/ft), conversion, backlight
- The display flips over when the bottom faces up
- Two AAA batteries, automatic power off



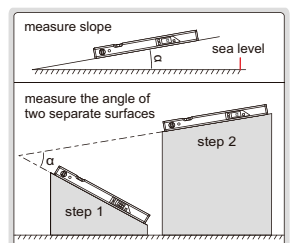
4910-600



WORKING TEMPERATURE:
0°C ~ 50°C

ABSOLUTE
LEVEL

BACKLIGHT



Code	Range	Resolution	Accuracy	Remark	List Price (₹)	Promotion Price (₹)
4910-600	0-360° (90°x4)	at 0° and 90°: 0.05° (=0.8725mm/m); at others: 0.1° (=1.745mm/m)	at 0° and 90°: ±0.1°; at others: ±0.2°	at 0° and 90° buzzer alarms	5645	4045

ALUMINUM ALLOY LEVELS

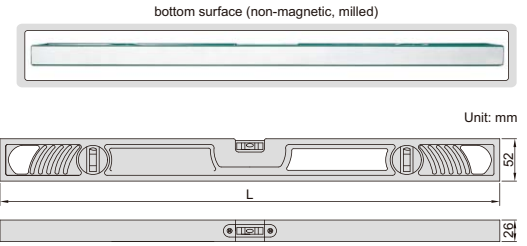
LIFETIME WARRANTY VIALS



4911-600

- Top and bottom working surfaces
- Shock-proof and UV-proof vials
- Die casting aluminum alloy frame
- Zero position of horizontal vial can be set
- One graduation of horizontal vial is 2% slope
- Working temperature: -15°C~55°C

Code	Length (L)	Accuracy	List Price (₹)	Promotion Price (₹)
4911-600	600mm	0.5mm/m	1993	1744
4911-800	800mm	0.5mm/m	2211	1936



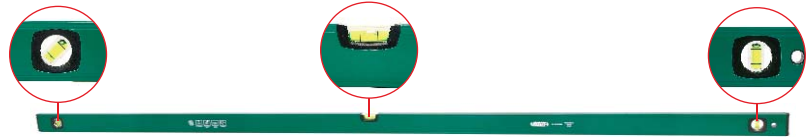
ALUMINUM ALLOY LEVELS (BASIC TYPE)

LIFETIME WARRANTY VIALS

MAGNETIC BASE

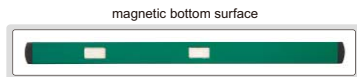


4918-300

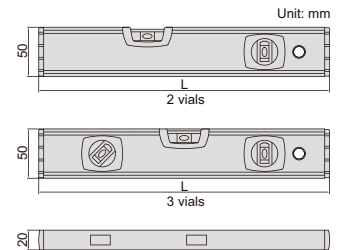


4918-2000

- Accuracy: 1mm/m
- Shock-proof and UV-proof vials
- Magnetic base
- Shock absorbing rubber end caps
- Working temperature: -15°C~55°C



Code	Size (L)	Number of vials	List Price (₹)	Promotion Price (₹)
4918-300	300mm	2	908	748
4918-600	600mm	2	1084	893
4918-800	800mm	2	1224	1009
4918-1000	1000mm	2	1357	1118
4918-1200	1200mm	2	1488	1225
4918-2000	2000mm	3	2570	2119



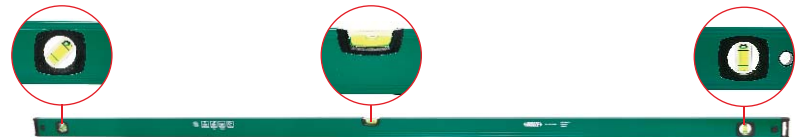
ALUMINUM LEVELS

LIFETIME WARRANTY VIALS

MAGNETIC BASE

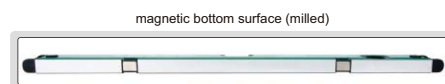


4914-600

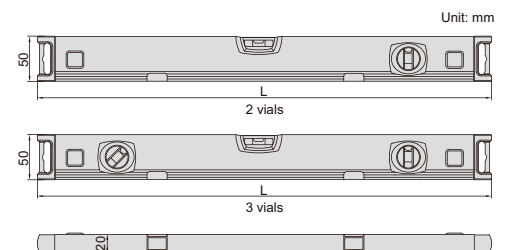


4914-2000

- Shockproof horizontal and vertical vials
- Magnetic base
- Shock absorbing rubber end caps
- Working temperature: -15°C~55°C



Code	Size (L)	Accuracy	Number of vials	List Price (₹)	Promotion Price (₹)
4914-300	300mm	0.5mm/m	2	894	821
4914-600	600mm	0.5mm/m	2	1151	1089
4914-1000	1000mm	0.5mm/m	2	1646	1557
4914-2000	2000mm	0.5mm/m	3	3699	3049



CAST ALUMINUM LEVEL

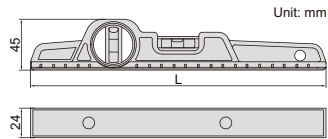
LIFETIME WARRANTY VIALS

MAGNETIC BASE

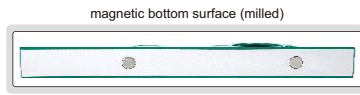


4913-250

- Shockproof horizontal and vertical vials
- Magnetic base
- Working temperature: -15°C~55°C
- Cast aluminum body



Unit: mm



magnetic bottom surface (milled)

packaging



Code	Size (L)	Accuracy	List Price (₹)	Promotion Price (₹)
4913-250	250mm	0.5mm/m	813	769

HANDY LEVEL

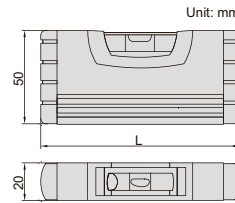
LIFETIME WARRANTY VIALS

MAGNETIC BASE



4912-100

- Shockproof vials
- Magnetic base
- Shock absorbing rubber end caps
- Working temperature: -15°C~55°C



Unit: mm

packaging



magnetic base surface



Code	Size (L)	Accuracy	List Price (₹)	Promotion Price (₹)
4912-100	100mm	0.5mm/m	478	451

CROSS-LINE LASER LEVEL CODE 4917-30

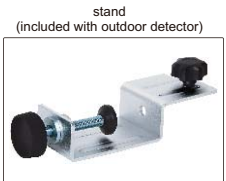
IP54 WATERPROOF

AUDIBLE AND VISUAL WARNING WHEN OUT OF ±3°

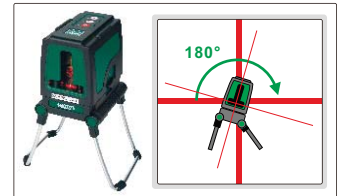
- Red horizontal and vertical cross laser lines
- Self-leveling within ±3°, self-leveling time within 4s, audible and visual warning when out of ±3°
- Folding legs for angle and height adjustment
- Outdoor use can be combined with the detector (code: 4917-DETECTOR)



outdoor detector (optional)



folding legs for angle and height adjustment



SPECIFICATION

List Price (₹)	7028
Promotion Price (₹)	6329
Laser line width	2±0.5mm (within 5m)
Laser type	630~660nm, class II, <1mW
Beam angle	120±0.5°
Self-leveling range	±3°
Working distance	indoor: 30m, outdoor: 50m with detector (optional)
Accuracy	0.2mm/m
Operation temperature	-10~40°C
Power supply	3×AA batteries, for 3 hours working
Dimension	100×82×104mm
Weight	620g

STANDARD DELIVERY

Main unit	1 pc
1/4" to 5/8" tripod adaptor	1 pc
Battery (AA)	3 pcs

OPTIONAL ACCESSORY

Outdoor detector	4917-DETECTOR
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application examples

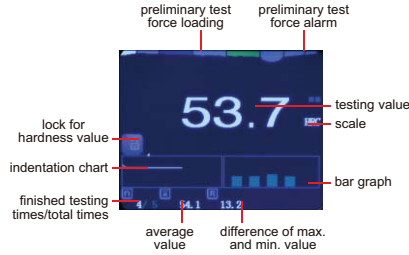


OUTDOOR DETECTOR (OPTIONAL)

Detecting distance	horizontal 1~50m, vertical 1~30m
Detecting accuracy *	high accuracy ±1.5mm, low accuracy ±2.5mm
Power supply	9V battery
Dimension	168×58×30mm
Weight	140g (battery included)

* Use high accuracy detection mode within 15m, use low accuracy detection mode over 15m

**AUTOMATIC DIGITAL ROCKWELL HARDNESS TESTER
CODE ISH-MRD200****



- Tolerance testing
- Set testing times (2~10) to have average value and the difference of max. and min. value
- Convert to other Rockwell scales, HV or HB automatically
- Memory of 500 testing values for browsing and output
- Testing value can be sent to wireless printer automatically
- Calibration function compensates the testing value for high accuracy
- The hardness value of soft materials like plastic is not stable, the lock function can obtain the value automatically
- Display unit is automatic power off

SPECIFICATION

List Price (₹)	193535
Promotion Price (₹)	183858
Hardness scale	HRA, HRB, HRC, HRD, HRF, HRG (with standard indenters) HRE, HRH, HRK (with optional indenter)
Preliminary test force	98N
Test force	588N, 980N, 1471N
Stage elevation	manual
Load control	automatic (load/dwell/unload)
Load dwell time	1~99 second
Resolution	0.1HR
Output	wireless and USB
Memory	500
Max. workpiece height	170mm
Max. testing width	165mm (from the center of indenter to the wall of main body)
Power supply of the display unit	built-in rechargeable battery
Power supply	220V, 50/60Hz **
Dimension	520×160×700mm
Weight	60kg

**Add "-U" on code No. when power supply is 110V, 50/60Hz



Ø60mm flat anvil (included)



Ø150mm flat anvil (included)



wireless printer (optional)



small V-type anvil (optional) for cylinders with diameter Ø2~4mm



V-type anvil (included) for cylinders with diameter Ø4~60mm



software CD (included)

STANDARD DELIVERY

Main unit	1 pc
Ø60mm flat anvil	1 pc
Ø150mm flat anvil	1 pc
V-type anvil	1 pc
Diamond indenter	1 pc
Ø1.5875mm carbide ball indenter	1 pc
Hardness test block HRB88~95	1 pc
Hardness test block HRC60~65	1 pc
Hardness test block HRC20~30	1 pc
Anti-dust cover	1 pc
Software and USB cable	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Wireless printer	ISH-DS-PRINTER
Ø3.175mm carbide ball indenter	ISH-EHK-INDENTER
Hardness test block HRB88~100	HDT-B-HRB
Hardness test block HRC60~70	HDT-B-HRC3
Hardness test block HRC20~30	HDT-B-HRC1
Small V-type anvil	ISH-SMALLANVIL

**AUTOMATIC ROCKWELL HARDNESS TESTER (BASIC TYPE)
CODE HDT-RA151****



SPECIFICATION

List Price (₹)	116020
Promotion Price (₹)	98223
Hardness scale	HRA, HRB, HRC, HRD, HRF, HRG
Preliminary test force	98N
Test force	588N, 980N, 1471N
Display	analogue
Stage elevation	manual
Load control	automatic (load/dwell/unload)
Load dwell time	1~60 second
Min. reading	0.5HR
Max. workpiece height	170mm
Max. testing width	128mm (from the center of indenter to the wall of main body)
Power supply	220V, 50/60Hz**
Dimension	520×225×640mm
Weight	65kg

**Add "-U" on code No. when power supply is 110V, 50/60Hz

OPTIONAL ACCESSORY

Hardness test block HRA80~84	HDT-B-HRA
Hardness test block HRB88~100	HDT-B-HRB
Hardness test block HRC20~30	HDT-B-HRC1
Hardness test block HRC35~55	HDT-B-HRC2
Hardness test block HRC60~70	HDT-B-HRC3
Small V-type anvil	ISH-SMALLANVIL



STANDARD DELIVERY

Main unit	1 pc
Ø58mm flat anvil	1 pc
Ø150mm flat anvil	1 pc
V-type anvil	1 pc
Diamond indenter	1 pc
Ø1.5875mm steel ball indenter	1 pc
Level	1 pc
Hardness test block HRA80~88	1 pc
Hardness test block HRB85~95	1 pc
Hardness test block HRC20~30	1 pc
Hardness test block HRC35~55	1 pc
Hardness test block HRC60~70	1 pc
Anti-dust cover	1 pc

**MANUAL ROCKWELL HARDNESS TESTER (BASIC TYPE)
CODE HDT-RW160**



STANDARD DELIVERY

Main unit	1 pc
Ø58mm flat anvil	1 pc
Ø150mm flat anvil	1 pc
V-type anvil	1 pc
Diamond indenter	1 pc
Ø1.5875mm steel ball indenter	1 pc
Ø1.5875mm steel ball	5 pcs
Level	1 pc
Hardness test block HRA80~88	1 pc
Hardness test block HRB85~95	1 pc
Hardness test block HRC20~30	1 pc
Hardness test block HRC35~55	1 pc
Hardness test block HRC60~70	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

Hardness test block HRA80~84	HDT-B-HRA
Hardness test block HRB88~100	HDT-B-HRB
Hardness test block HRC20~30	HDT-B-HRC1
Hardness test block HRC35~55	HDT-B-HRC2
Hardness test block HRC60~70	HDT-B-HRC3
Small V-type anvil	ISH-SMALLANVIL



SPECIFICATION

List Price (₹)	84461
Promotion Price (₹)	69782
Hardness scale	HRA, HRB, HRC, HRD, HRF, HRG
Preliminary test force	98N (10kg)
Test force	588N (60kg), 980N (100kg), 1471N (150kg)
Display	analogue
Stage elevation	manual
Load control	manual
Min. reading	0.5HR
Max. workpiece height	170mm
Max. workpiece depth	135mm (from the center of indenter)
Dimension	466×238×630mm
Weight	70kg

**PORTABLE LEEB HARDNESS TESTER (HIGH ACCURACY)
CODE HDT-L410**

DATA OUTPUT

HIGH ACCURACY

DL PROBE IS OPTIONAL



- Metal housing
- HD TFT 320×320 display
- Impact device D
- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC, HRA and HRB), Shore (HS) and tensile strength (SGM)
- Four display modes
- Automatic direction correction
- Tolerance testing
- Automatic power off, automatic calculation of statistics
- Dual value display, shows both Leeb and other conversion values
- 31 files can be saved, each containing 100 measurement data
- Connected to PC software via USB or Bluetooth 2.0
- Connected with printer via Bluetooth
- Operating temperature: -20°C~70°C
- According to ASTM A956, DIN 50156, GB/T 17394

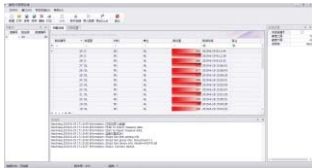


DL probe can be installed (optional)

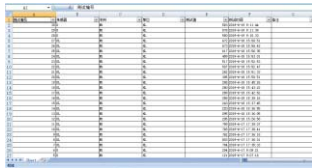


Software (included), upload the memory to PC, print and send to EXCEL

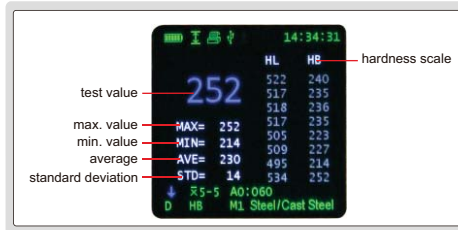
upload the memory to PC software via USB cable or Bluetooth



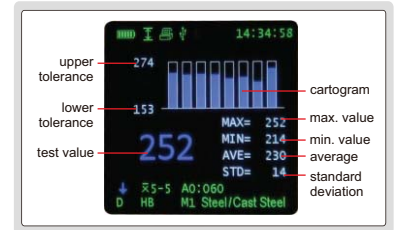
send the stored data to EXCEL



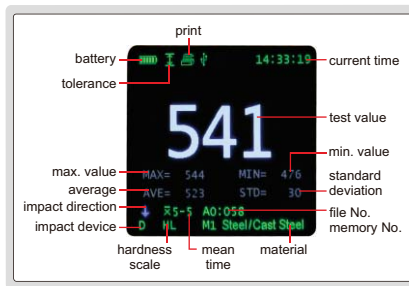
statistic display



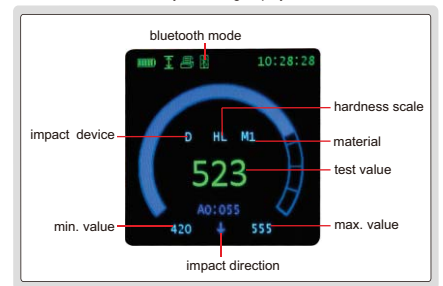
histogram display



regular display



dynamic ring display



SPECIFICATION

List Price (₹)	130038	
Promotion Price (₹)	112743	
Resolution	1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 0.1HRA, 0.1HS, 1SGM	
Accuracy	±4HLD% (when HLD=800)	
Output	USB and bluetooth	
Applicable workpiece	minimum weight	5kg (direct measurement) 2kg (on solid support) 0.05kg (coupled on plate)
	minimum thickness:	5mm
	minimum radius of curved surface:	30mm
	maximum roughness (Ra):	2µm
Power supply	built-in 3.7V rechargeable battery	
Dimension	148×44×22mm	
Weight	115g	

STANDARD DELIVERY

Main unit	1 pc
Hardness test block D	1 pc
Small support ring	1 pc
Cleaning brush	1 pc
AC/DC adapter	1 pc
Software disc and USB cable	1 pc

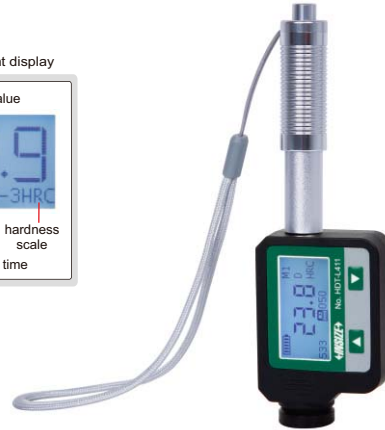
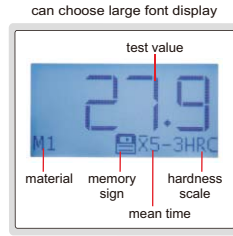
OPTIONAL ACCESSORY

Printer	HDT-L410-PRINTER
Support rings	see details
Hardness test block D	HDT-B-HLD3
DL probe	HDT-L410-DL

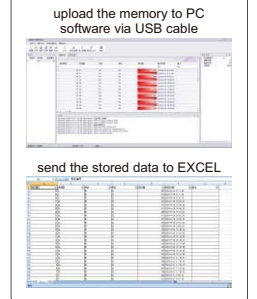
**PORTABLE LEEB HARDNESS TESTER (BASIC TYPE)
CODE HDT-L411**



- Impact device D
- Universal testing angle, no need to set impact direction
- Dual-coil probe, high accuracy
- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC, HRA and HRB), Shore (HS) and tensile strength (SGM)
- Dual value display, shows both Leeb and converted hardness
- High contrast digital LCD display
- Can choose large font display
- Automatically calculate maximum, minimum, average value
- Connected to PC via USB
- Save 999 data
- Operating temperature: -20°C~45°C
- According to ASTM A956, DIN 50156, GB/T 17394



Software (included), upload the memory to PC, print and send to EXCEL



SPECIFICATION

List Price (₹)	28515	
Promotion Price (₹)	24722	
Resolution	1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 0.1HRA, 0.1HS, 1SGM	
Accuracy	±6HLD (when HLD=800)	
Output	USB	
Measuring range	HL100-960, HRC1-74.7, HRB1.2-140, HB28-1027, HV45-1230, HS4-112, HRA7-88.5, SGM (rm) 118-3315N/mm ²	
Applicable workpiece	minimum weight	5kg (direct measurement)
		2kg (on solid support)
		0.05kg (coupled on plate)
	minimum thickness: 5mm	
minimum radius of curved surface: 30mm		
maximum roughness (Ra): 2µm		
Power supply	1xAAA battery	
Dimension	148×45×21mm	
Weight	105g	

STANDARD DELIVERY

Main unit	1 pc
Hardness test block D	1 pc
Cleaning brush	1 pc
AAA battery	1 pc
Small support ring	1 pc
Software disc and USB cable	1 pc



software CD (included)



hardness test block D (included)



small support ring (included)

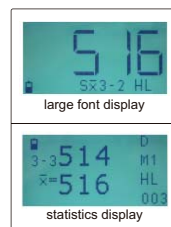
OPTIONAL ACCESSORY

Support rings	see details
Hardness test block D	HDT-B-HLD3

**PORTABLE LEEB HARDNESS TESTER (BASIC TYPE)
CODE HDT-LP200**



- Can change probes
- Dual-coil probe for high accuracy
- Universal testing angle, no need to set impact direction
- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC, HRA and HRB), Shore (HS) and tensile strength (SGM)
- Dual value display, shows both Leeb and converted hardness
- Large LCD display with backlight
- Can choose large font display and statistics display
- Automatically calculate maximum, minimum and average value
- Save 300 data
- Operating temperature: -10°C~45°C
- According to ASTM A956, DIN 50156, GB/T 17394



wireless printer (optional)



hardness test block D (included)



small support ring (included)

SPECIFICATION

List Price (₹)	29925	
Promotion Price (₹)	24419	
Resolution	1HLD/1HV/1HB/0.1HRC/0.1HRB/0.1HRA/0.1HS/1SGM	
Accuracy	±6HLD (when HLD=800)	
Measuring range	HL 100-960/HRC 0.9-79.2/HRB 1-140/HB 1-1878/HV 1-1698/HS 0.5-1370/HRA 1-88.5/SGM (rm) 1-6599N/mm ²	
Power supply	2xAA battery	
Dimension	127×67×30mm	
Weight	240g	

STANDARD DELIVERY

Main unit	1 pc
Hardness test block D	1 pc
Small support ring	1 pc
Cleaning brush	1 pc
Impact device D	1 pc

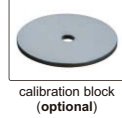
OPTIONAL ACCESSORY

Impact device DC	HDT-LP200-DC
Impact device C	HDT-LP200-C
Impact device D+15	HDT-LP200-D15
Impact device DL	HDT-LP200-DL
Impact device E	HDT-LP200-E
Impact device G	HDT-LP200-G
Hardness test block D *	HDT-B-HLD3
Hardness test block G *	HDT-B-HLG2
Printer	ISH-LP200-PRINTER
Support rings	see details

*Hardness test block G (HDT-B-HLG2) is for impact device G (HDT-LP200-G)
Hardness test block D (HDT-B-HLD3) is for all others impact devices

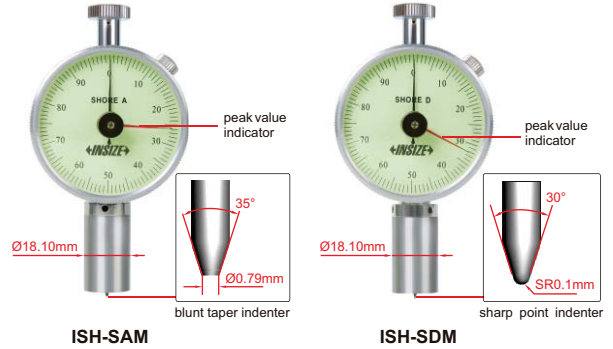
SHORE DUROMETERS

- According to ISO868, ISO7619, ASTM D 2240
- With peak value indicator
- Optional accessory: test stand ISH-STAC and ISH-STD



SPECIFICATION

Code	ISH-SAM	ISH-SDM
List Price (₹)	8830	15351
Promotion Price (₹)	6768	11425
Scale	Shore A	Shore D
Application	natural rubber, soft elastomer, etc.	hard rubber, plastic, hard elastomer, etc.
Measuring range*	10~90HA	20~90HD
Graduation	1HA	1HD
Indenter protrusion	2.5mm	
Dimension	115x60x25mm	
Weight	160g	



OPTIONAL ACCESSORY

Calibration block	ISH-DS-BLOCK
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*Use ISH-SDM when measuring result is higher than 90HA
Use ISH-SAM when measuring result is lower than 20HD

DIGITAL SPRING TESTERS



- Peak hold and automatic release function
- Set upper and lower limits, red and green indicator and buzzer alarm
- Automatic conversion of three units: N, kgf, lbf
- Built in printer
- Automatic power off



SPECIFICATION

Code	ISF-S10*	ISF-S20*	ISF-S30*	ISF-S50*	ISF-S100*	ISF-S200*
List Price (₹)	139196	139226	139255	139284	139313	139342
Promotion Price (₹)	120683	120709	120734	120759	120784	120810
Maximum load	10N	20N	30N	50N	100N	200N
Resolution	0.001N	0.002N	0.01N	0.01N	0.02N	0.05N
Range of digital scale	65mm	65mm	65mm	95mm	95mm	95mm
Resolution of digital scale	0.01mm	0.01mm	0.01mm	0.01mm	0.01mm	0.01mm
Disk diameter	Ø30mm	Ø30mm	Ø30mm	Ø49mm	Ø49mm	Ø49mm
Maximum free length of spring	65mm	65mm	65mm	95mm	95mm	95mm
Measuring range of force	5%~100% (maximum load)					
Accuracy of force	±1% (maximum load)					
Data output	RS232					
Power supply	220V, 50/60Hz*					
Dimension	300×235×600mm	300×235×600mm	300×235×600mm	300×235×620mm	300×235×620mm	300×235×620mm
Weight	13.2kg	13.2kg	13.2kg	17.3kg	19.1kg	19.1kg

Code	ISF-S300*	ISF-S500*	ISF-S1000*	ISF-S2000*	ISF-S5000*
List Price (₹)	139371	139399	168397	168426	206115
Promotion Price (₹)	120835	120859	146000	146025	178702
Maximum load	300N	500N	1000N	2000N	5000N
Resolution	0.1N	0.1N	0.2N	0.5N	1N
Range of digital scale	95mm	95mm	150mm	150mm	150mm
Resolution of digital scale	0.01mm	0.01mm	0.01mm	0.01mm	0.01mm
Disk diameter	Ø49mm	Ø49mm	Ø108mm	Ø108mm	Ø108mm
Maximum free length of spring	95mm	95mm	200mm	200mm	200mm
Measuring range of force	5%~100% (maximum load)				
Accuracy of force	±1% (maximum load)				
Data output	RS232				
Power supply	220V, 50/60Hz*				
Dimension	300×235×620mm	300×235×620mm	490×300×920mm	490×300×920mm	490×300×920mm
Weight	19.1kg	20.8kg	47.5kg	47.5kg	47.5kg

STANDARD DELIVERY

Main unit	1 pc
Power supply adapter	1 pc

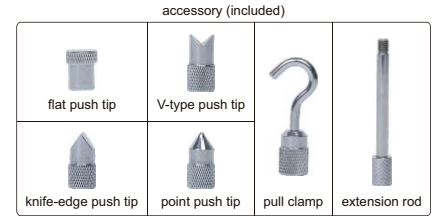
*Add "-U" on code No. when power supply is 110V, 50/60Hz

FORCE GAGES

- Push and pull test
- Peak (max.) or tracking mode



ISF-F500



SPECIFICATION

Code	ISF-F10	ISF-F20	ISF-F30	ISF-F50	ISF-F100	ISF-F200	ISF-F300	ISF-F500
List Price (₹)	10894	10894	10894	9510	9510	9510	9510	9510
Promotion Price (₹)	8094	8094	8094	8094	8094	8094	8094	8094
Capacity	N	10	20	30	50	100	200	300
	kgf	1	2	3	5	10	20	30
Graduation	N	0.05	0.1	0.2	0.25	0.5	1	2
Accuracy	±1% (of load capacity)							

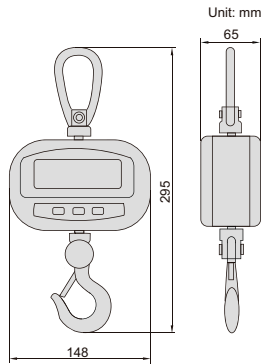
STANDARD DELIVERY

Main unit	1 pc
Push tip	4 pcs (flat, V-type, knife-edge, point)
Pull clamp	1 pc
Extension rod	1 pc

OPTIONAL ACCESSORY

Test stand	ISF-MT500
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ELECTRONIC CRANE SCALES (ECONOMIC TYPE)



8202-150KG

Remote controller (included)

- LED display, remote control
- Low voltage indicator
- Unit: kg, lb
- Automatic power off
- Overload alarm
- 360° safe rotary hook and shackle
- Plastic case

STANDARD DELIVERY

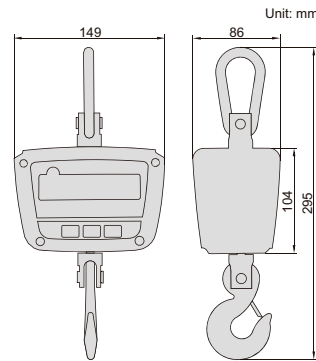
Main unit	1 pc
Remote controller	1 pc

SPECIFICATION

Code	8202-50KG	8202-150KG	8202-300KG
List Price (₹)	7803	7803	7803
Promotion Price (₹)	7402	7402	7402
Maximum capacity	50kg	150kg	300kg
Minimum capacity	0.4kg	1.0kg	2.0kg
Resolution	0.02kg/0.01kg	0.05kg/0.02kg	0.10kg/0.05kg
Operating temperature	-10~40°C		
Operating humidity	30%~90% RH		
Overload alarm	100%F.S.+9e		
Maximum safe load	125%F.S.		
Limited overload	400%F.S.		
Power supply	4×1.5V AA batteries (for 40 hours working)		
Stable reading time	≤8s		

ELECTRONIC CRANE SCALES

IP65 WATERPROOF



8201-150KG

Remote controller (included)

- Dust/waterproof level: IP65
- LED display, remote control
- Low voltage indicator
- Unit: kg, lb
- Automatic power off
- Overload alarm
- 360° safe rotary hook and shackle
- Aluminum alloy die casting case with high strength

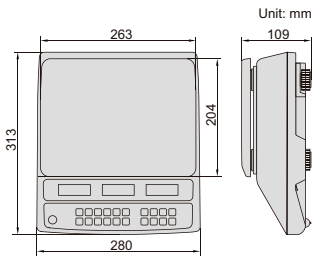
STANDARD DELIVERY

Main unit	1 pc
Remote controller	1 pc
Battery charger	1 pc

SPECIFICATION

Code	8201-50KG	8201-150KG	8201-300KG
List Price (₹)	13720	13720	13720
Promotion Price (₹)	13015	13015	13015
Maximum capacity	50kg	150kg	300kg
Minimum capacity	0.4kg	1.0kg	2.0kg
Resolution	0.02kg/0.01kg	0.05kg/0.02kg	0.10kg/0.05kg
Operating temperature	-10~40°C		
Operating humidity	30%~90% RH		
Overload alarm	100%F.S.+9e		
Maximum safe load	125%F.S.		
Limited overload	400%F.S.		
Power supply	rechargeable battery 6V/3Ah (for 40 hours working)		
Stable reading time	≤8s		

COUNTING SCALES



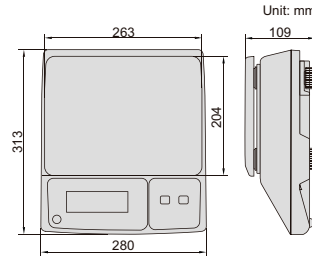
8101-30

- LCD display, with backlight
- Zero-setting, subtracting tare value, counting, accumulation, checking alarm
- Overload alarm

SPECIFICATION

Code	8101-6	8101-15	8101-30
List Price (₹)	11676	11676	11676
Promotion Price (₹)	11076	11076	11076
Maximum capacity	6kg	15kg	30kg
Minimum capacity	4g	10g	20g
Division	0.2g	0.5g	1g
Verification interval	2g	5g	10g
Operating temperature	-10~40°C		
Power	rechargeable battery (6V/3.2Ah), power adapter (12V/500mA)		
Dimensions of pan	263×204mm		

WEIGHING SCALES (HIGH PRECISION)



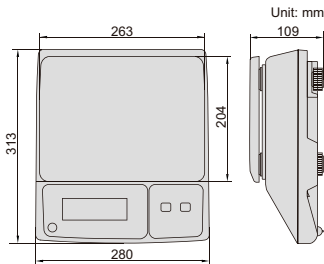
8001-30

- LCD display, with backlight
- Zero-setting, subtracting tare value
- Overload alarm
- Automatic power off

SPECIFICATION

Code	8001-6	8001-15	8001-30
List Price (₹)	11676	11676	11676
Promotion Price (₹)	11076	11076	11076
Maximum capacity	6kg	15kg	30kg
Minimum capacity	4g	10g	20g
Division	0.2g	0.5g	1g
Verification interval	2g	5g	10g
Operating temperature	-10~40°C		
Power	rechargeable battery (6V/3.2Ah), power adapter (12V/500mA)		
Dimensions of pan	263×204mm		

WEIGHING SCALES (OIML CERTIFICATE)



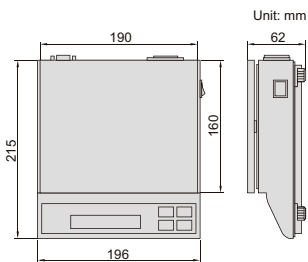
8002-30M

- LCD display, with backlight
- Zero-setting, subtracting tare value
- Overload alarm
- Automatic power off
- OIML certificate (No. 0200-NAWI-04601)

SPECIFICATION

Code	8002-6M	8002-15M	8002-30M
List Price (₹)	11676	11676	11676
Promotion Price (₹)	11076	11076	11076
Maximum capacity	3/6kg	6/15kg	15/30kg
Minimum capacity	20g	40g	100g
Division	1/2g	2/5g	5/10g
Verification interval	2g	5g	10g
Operating temperature	-10~40°C		
Power	rechargeable battery (6V/3.2Ah), power adapter (12V/500mA)		
Dimensions of pan	263×204mm		

ELECTRONIC BALANCES



8301-3000

- Automatic zero when power on
- Unit: g (gram), ct (carat), ozt (troy ounce)
- Weighing, counting, taring
- Overload alarm
- Data output



calibration weight (included in 8301-300, 8301-600 and 8301-1200)



windshield (included in 8301-300, 8301-600 and 8301-1200)

SPECIFICATION

Code	8301-300	8301-600	8301-1200	8301-3000	8301-6000
List Price (₹)	11473	16137	24451	11473	16137
Promotion Price (₹)	10884	15308	23195	10884	15308
Maximum weighing	300g	600g	1200g	3000g	6000g
Minimum weighing	0.2g	0.2g	0.2g	2g	2g
Resolution	0.01g	0.01g	0.01g	0.1g	0.1g
Weighing pan size	Ø135mm			190×160mm	
Verification scale interval	10d				
Working temperature	0~40°C				
Working humidity	≤80% RH				
Power supply	power adapter				
Dimension (L×W×H)	215×196×62mm				

OPTIONAL ACCESSORY

RS232 cable	8301-CABLE
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DATA OUTPUT

PLATFORM SCALES

DATA OUTPUT

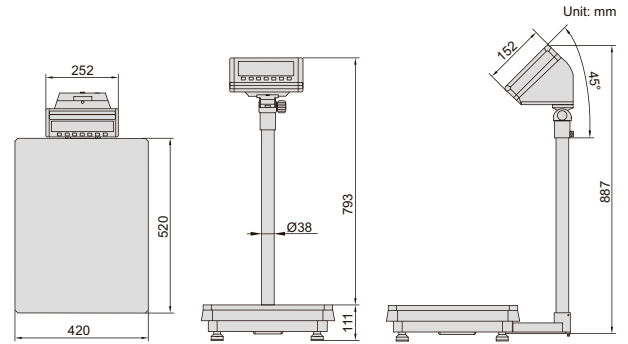


printer (optional)



8501-AL150

- LCD large screen display with LED backlight
- Weighing, overweight alarm, counting, keyboard lock, accumulating, auto zero and animal scale
- Units: kg, g, lb, oz



SPECIFICATION

Code	8501-AL60	8501-AL150	8501-AL300
List Price (₹)	30774	30774	30774
Promotion Price (₹)	29821	29821	29821
Maximum capacity	60kg	150kg	300kg
Minimum capacity	100g	200g	400g
Division	5g	10g	20g
Verification interval	20g	50g	100g
Operating temperature	-10~40°C		
Material	platform: stainless steel, base: die-cast aluminum		
Dimension of platform	420×520mm		
Power	rechargeable lead acid battery (6V/4Ah)		
Output	RS232		
Weight	18.3kg		

OPTIONAL ACCESSORY

Printer	8001-PRINTER
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FLOOR SCALES

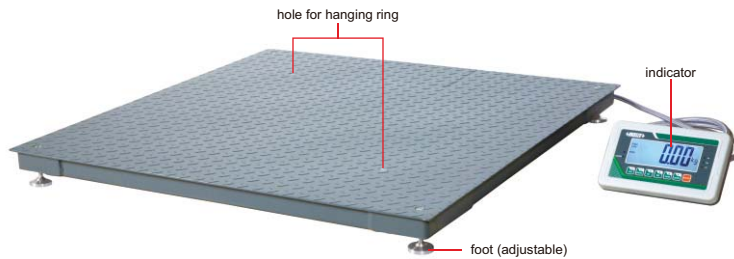
DATA OUTPUT



stand (optional)

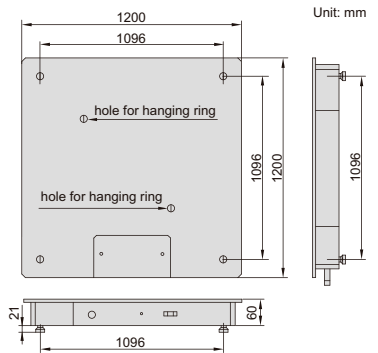


printer (optional)



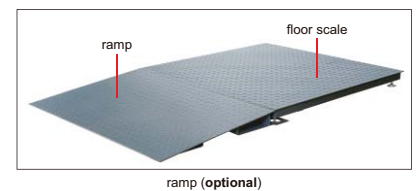
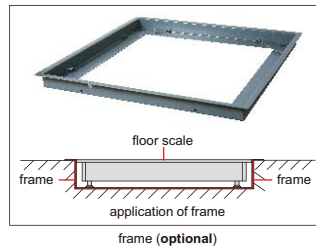
8401-1T1212

- LCD large screen display with automatic backlight
- Zeroing, overweight alarm, deduction, unit conversion, accumulating, animal scale, etc.
- Units: kg, g, lb, oz
- OIML approved load cell



SPECIFICATION

Code	8401-1T1212	8401-2T1212	8401-3T1212
List Price (₹)	72646	72646	72646
Promotion Price (₹)	70394	70394	70394
Maximum capacity	1t	2t	3t
Minimum capacity	10kg	20kg	20kg
Division	0.5kg	1kg	1kg
Verification interval	0.5kg	1kg	1kg
Load cell	4 pcs 350Ω		
Operating temperature	-10~40°C		
Material	mild steel		
Dimension of platform	1200×1200mm		
Power	rechargeable lead acid battery (6V/4Ah)		
Output	RS232		
Weight	140kg		



STANDARD DELIVERY

Main unit	1 pc
Indicator	1 pc
AC/DC adapter	1 pc
Stainless steel foot	4 pcs
Hanging ring	2 pcs

OPTIONAL ACCESSORY

Ramp	8401-1212-1
Frame	8401-1212-2
Stand	8401-STAND
Printer	8001-PRINTER

TORQUE SCREWDRIVERS

ATTENTION: CLOCKWISE OPERATION ONLY

SPECIFICATION

Code	IST-MG50	IST-MG100	IST-MG250	IST-MG360	IST-MG600
List Price (₹)	11309	11309	12009	12709	14109
Promotion Price (₹)	10382	10382	11024	11667	12952
Range (clockwise)	10~50cN.m	20~100cN.m	50~250cN.m	60~360cN.m	1.0~6.0N.m
Graduation	1cN.m	2cN.m	5cN.m	5cN.m	0.1N.m
Head	1/4" hex socket				
Accuracy	±6%				
Length	172mm				
Weight	0.26kg				



IST-MG600



T-bar wrench (only for IST-MG250, IST-MG360, IST-MG600)

STANDARD DELIVERY

Torque screwdriver	1 pc
T-bar wrench (only for IST-MG250, IST-MG360, IST-MG600)	1 pc

TORQUE WRENCHES

ATTENTION: CLOCKWISE OPERATION ONLY



- According to DIN ISO 6789, ASME B107.300
- All-metal construction, sturdy and durable



IST-9WM335

SPECIFICATION

Code	IST-9WM20	IST-9WM30	IST-9WM60	IST-9WM100	IST-9WM125	IST-9WM200	IST-9WM335	IST-9WM500
List Price (₹)	7151	6674	6821	7072	7577	7596	8128	42482
Promotion Price (₹)	6504	6070	6204	6432	6892	6910	7393	38642
Range (clockwise)	4~20N.m	6~30N.m	10~60N.m	20~100N.m	25~125N.m	40~200N.m	65~335N.m	100~500N.m
Accuracy	±6% (<10N.m) ±4% (≥10N.m)	±6% (<10N.m) ±4% (≥10N.m)	±4%	±4%	±4%	±4%	±4%	±4%
Graduation	0.1N.m	0.2N.m	0.5N.m	0.5N.m	0.5N.m	1N.m	1N.m	2.5N.m
Square driver (D)	1/4"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"
Length	290mm	318mm	388mm	443mm	443mm	468mm	528mm	855mm
Weight	680g	820g	960g	1040g	1040g	1160g	1300g	5000g

DIAL TORQUE WRENCHES



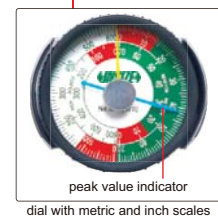
- Clockwise and counter-clockwise operation
- According to DIN ISO 6789, ASME B107.300



IST-DW70

SPECIFICATION

Code	IST-DW3D5	IST-DW9	IST-DW18	IST-DW35	IST-DW70	IST-DW140	IST-DW240	IST-DW350
List Price (₹)	11579	11579	11975	11975	13387	15391	15391	15391
Promotion Price (₹)	10896	10896	11267	11267	12596	14482	14482	14482
Range	0.7~3.5N.m 6~30in.lb	1.8~9N.m 15~75in.lb	3.6~18N.m 30~150in.lb	7~35N.m 60~300in.lb	14~70N.m 120~600in.lb	28~140N.m 20~100ft.lb	48~240N.m 35~175ft.lb	70~350N.m 50~250ft.lb
Accuracy	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%
Graduation	0.05N.m 0.5in.lb	0.1N.m 1in.lb	0.2N.m 2in.lb	0.5N.m 5in.lb	1N.m 10in.lb	2N.m 1ft.lb	3N.m 2.5ft.lb	2.5N.m 2.5ft.lb
Square driver (D)	1/4"	1/4"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
Length	254mm	254mm	254mm	254mm	378mm	546mm	546mm	546mm
Weight	480g	480g	480g	480g	820g	1300g	1300g	1300g



peak value indicator
dial with metric and inch scales

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HSN codes subject to change

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is our premium quality and made in Germany and Italy.

- **Quality Warranty** – 12 months, against manufacturing defect. Repair or replacement will be at the discretion of the manufacturer.
- **Repairs** – you can either return the instruments to us at Ahmedabad or to the dealer along with the invoice on paid basis for faster process.
- For verification of genuineness, refer bar code sticker on the box.
- Manufacturer inspection certificates traceable to DKD Germany or NIST USA are provided with instruments marked in asterisk.

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