

Now you can aim at  
the highest degree of accuracy  
from end to end

with

**PRECISION**  
MEASURING INSTRUMENTS



### VERNIER CALIPER (PREMIUM)

- Made of fully hardened Stainless Steel
- All measuring faces are ground & lapped for extreme accuracy
- Graduations 'Laser Marked' with built in Vernier scale
- Two convex guide ways on the body to avoid abrasion of the graduation
- Vernier scale face angle (14°)
- Degree provides easy reading
- Handy structure, stable & smooth operation
- Accuracies as per IS.3651 (Part II)
- Packed in moulded box with hard sponge liner
- Four way measurement: Inside, outside, depth & step
- With five adjustments
- Locking screw: Non detachable

Range	Resolution
0-150 mm / 0-6"	0.02 mm / 0.001"
0-200 mm / 0-8"	0.02 mm / 0.001"
0-300 mm / 0-12"	0.02 mm / 0.001"

### VERNIER CALIPER (STANDARD)

- Made of fully hardened Stainless Steel
- All measuring faces are ground & lapped for extreme accuracy
- Graduations 'Laser Marked' / photo etch with built in Vernier scale
- Two convex guide ways on the body to avoid abrasion of the graduation
- Vernier scale face angle (14°)
- Degree provides easy reading
- Handy structure, stable & smooth operation
- Accuracies as per IS.3651 (Part II)
- Packed in moulded box with hard sponge liner
- Four way measurement: Inside, outside, depth & step
- With five adjustments
- Locking screw: Non detachable

Range	Resolution
0-150 mm / 0-6"	0.02 mm / 0.001"
0-200 mm / 0-8"	0.02 mm / 0.001"
0-300 mm / 0-12"	0.02 mm / 0.001"
0-450 mm / 0-18"	0.02 mm / 0.001"
0-600 mm / 0-24"	0.02 mm / 0.001"



### DIGIMATIC CALIPER

- Inch / Metric instant conversion
- Non contact measuring system unaffected by electrical or magnetic interference
- Operating temperature range 0° to 40°C
- Caliper manufactured from fully hardened, tempered stainless steel
- Zero point at any position of slide allowing comparative measurement
- Data output port to link into SPC processors & host computer system
- Battery 1.5 V. (SR / LR - 44)
- On off Switch
- Large Display
- High accuracy glass sensor technology on scale
- Thumb roller for easy movement
- Packed in good quality plastic moulded box

Range	Resolution	Range	Resolution
0-100 mm / 4"	0.01 mm / 0.0005"	0-200 mm / 8"	0.01 mm / 0.0005"
0-150 mm / 6"	0.01 mm / 0.0005"	0-300 mm / 12"	0.01 mm / 0.0005"



### DIAL CALIPER (PREMIUM)

- All measuring faces are ground & lapped for extreme accuracy
- Accuracies as per IS.3651 (Part II)
- Made of fully hardened Stainless Steel
- Graduations "Laser Marked"
- With thumb roller for precious movements
- Rotating dial with lock for easy zero setting
- New design dial movement for smooth sliding & shock proof
- Clamping screw atop the slider

Range	Resolution
0-150 mm	0.02 mm
0-200 mm	0.02 mm
0-300 mm	0.02 mm

Range	Resolution
0-6"	0.001"
0-8"	0.001"



### VERNIER DEPTH GAUGE

- Made of fully hardened Stainless Steel
- Measuring faces are ground & micro lapped for extreme accuracy
- Graduation "Laser Marked"
- Accuracies as per IS.3651 (Part II)
- Locking screw

Range	Resolution
0-200 mm	0.02 mm

Range	Resolution
0-300 mm	0.02 mm

### DIAL INDICATOR

- Dial diameter: 58 mm
- Jeweled
- Rack Shockproof
- Inside tolerance hand
- Metal back lug
- Broad knurl metal bezel

Range	Resolution
0-10 mm (Premium)	0.01 mm
0-10 mm (Standard)	0.01 mm
0-1 mm	0.001 mm





**OUTSIDE MICROMETER**

- Spindle hardened & precision thread ground
- Carbide tipped measuring faces lapped to mirror finish
- Heat insulated 'U' shaped frame
- Accuracies as per IS-2967
- Ratchet stop for accurate repetitive readings
- Locking clamp
- Clear laser mark graduation on satin chroma finish thimble
- Packed in moulded box with hard sponge inside

Range	Resolution	Range	Resolution
0-25 mm	0.01 mm	150-175 mm	0.01 mm
25-50 mm	0.01 mm	175-200 mm	0.01 mm
50-75 mm	0.01 mm	0-1"	0.0001"
75-100 mm	0.01 mm	1"-2"	0.0001"
100-125 mm	0.01 mm	2"-3"	0.0001"
125-150 mm	0.01 mm	3"-4"	0.0001"



**DIGIMATIC MICROMETER**

- Large LCD readout
- INCH/MM/ABS/ZERO Switches
- Ratchet stop for constant measuring force
- Clear graduation on Satin chrome finish thimble
- Battery SR 44/LR 44
- Carbide tipped measuring faces lapped to mirror finish
- SPC data output facility

Range	Resolution
0-25mm/0-1"	0.001mm/0.00005"



**DIAL TEST INDICATOR (LEVEL TYPE DIAL)**

- No clutch type for automatic reversal of measurement direction
- High sensitivity & quick response because of jeweled bearing carbide contact point
- Useful for easy & accurate measurement of narrow or recessed areas
- Stem of 8 mm, contact point of 2 mm (carbide)

Range	Reading	Resolution
0-0.8 mm	0-40-0	0.01 mm



**MICROMETER HEAD**

- Used for checking the displacement on measuring fixtures, co-ordinate tables, microscopes, spark erosion & wire cut machines and other special purpose machines
- Spindle hardened & precision thread ground
- Carbide tipped measuring faces lapped to mirror finish
- Accuracies as per IS-2967
- Clear laser mark graduation on satin chroma finish
- With clamping nut facility

Range	Reading
0-25 mm	0.01 mm



**POINT MICROMETER**

- With pointed measuring faces for measuring the web thickness of drills, taps, small grooves, keyways & other hard-to-reach dimensions
- Measuring point 30°
- The measuring points (carbide tipped) have approximately 0.3 mm radius
- Spindle hardened & precision thread ground
- Carbide tipped measuring faces lapped to mirror finish
- Heat insulated 'U' shaped frame
- Accuracies as per IS-2967
- Ratchet stop for accurate repetition readings
- Locking clamp
- Clear laser mark graduation on satin chroma finish
- Packed in moulded box with hard sponge inside

Range	Resolution
0-25 mm	0.01 mm

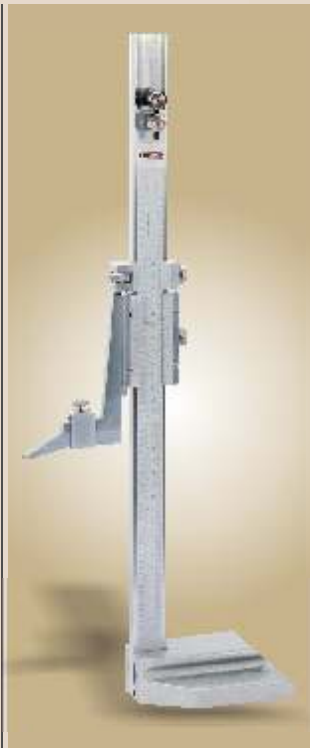


**DEPTH MICROMETER**

- Provided with interchangeable run through rods for depth measurement
- Spindle hardened & precision thread ground
- Carbide tipped measuring faces lapped to mirror finish
- Heat insulated 'U' shaped frame
- Accuracies as per IS-2967
- Ratchet stop for accurate repetition readings
- Locking clamp
- Clear laser mark graduation on satin chroma finish
- Packed in moulded box with hard sponge inside

Range	Resolution
0-25 mm	0.01 mm





### VERNIER HEIGHT GAUGE

- Stainless steel beam & measuring slide hardened ground for high accuracy
- Interchangeable carbide tipped scriber with metal holder for better grip
- Hardened & ground C.I. heavy duty base for great stability
- Five adjustments
- Magnifying glass to eliminate error in reading
- Photo etch graduations on satin finish chroma plated scale
- Rack & pinion for easy & quick 'zero' adjustment

Range	Resolution	Accuracy
0-300 mm/12"	0.02 mm/0.001"	0.04 mm
0-450 mm/18"	0.02 mm/0.001"	0.04 mm
0-600 mm/24"	0.02 mm/0.001"	0.05 mm



### DOUBLE COLUMN DIAL DIGIT TYPE HEIGHT GAUGE

- Dual direction counter for up & down movement
- Zero setting of the counter at any position
- Tungsten carbide tipped knife - edge scriber
- Hand wheel with rack on the beam for precise measurement

Range	Resolution	Accuracy
0-300 mm	0.02 mm	0.04 mm

• Calibration Certificate with each Instrument  
 • Traceable to NPL  
 • 6 Months Warranty



### DIAL BORE GAUGE

- Equipped with 3 mm x 0.01 mm Dial indicator
- 10-18 mm Dial Bore Gauge with miniature dial indicator
- With interchangeable anvils made of alloy steel

Range	Resolution
10-18 mm with Dial 0-3 mm	0.01 mm
18-35 mm with Dial 0-3 mm	0.01 mm
35-60 mm with Dial 0-3 mm	0.01 mm
50-150 mm with Dial 0-3 mm	0.01 mm

**PRECISION**  
 MEASURING INSTRUMENTS

**Precision Technologies**

#### PUNE:

- **Office:** C-13, Chidanand, Sus Road, Pashan, Pune 411 021
- Telefax : +91 020 2586 3995 ■ Email: precisionmi@dataone.in
- Lab Address:** 101, Bandal Building, Sus village, Tal. Mulshi, Pune: 411 021
- URL:** www.precisionpune.com

#### LUDHIYANA:

- H.No. 667, Street No.3, Preet Nagar, Dugri, Ludhiana 141 002
- Phone : 0161 - 250 0230 / 098760 28140

#### AHMEDABAD:

- C/11, Murdhanya Apt. Opp. A.E.C. Zonal Office, Naranpura, Ahmedabad: 380 013 ■ Phone : 079 - 27910898 / 94260 12207

