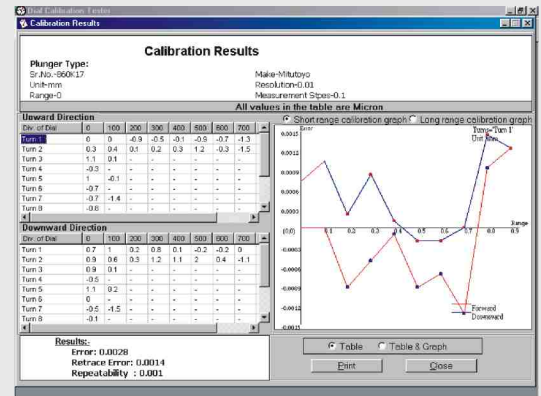
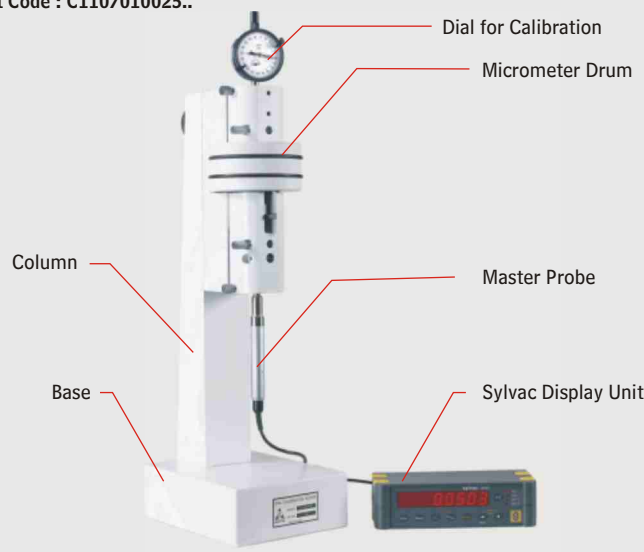


DIAL CALIBRATION TESTER

Product Code : C1107010025..



Features

- Precise and sensitive micrometer drum with non rotating anvil.
- Robust construction with vertical stand for easy operation and clear visibility.
- Replaceable probe - No need of dedicated probe as a master.
- Design based on Abbe's principle.
- Direct comparative measurement for required accuracy.
- Horizontally it accommodates the Lever Type Dials & Dial bore gauges for calibration.
- Used in two different combinations with
 - Digital Dial Gauge with 0.001mm resolution for calibration of 0.01mm least count dial gauges.
 - Digital Display Unit and Probe with 0.0001mm resolution for 0.001 and 0.002mm least count dial gauges.
- Inch resolution dial gauges can also be checked.
- RS 232 Port for interface with computer and Software for recording and evaluation.
- The DG Cal software provides calibration results.
- Accessories such as clamp, magnifying lens and holders are provided.

Features of DG Cal Software

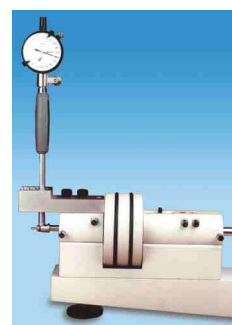
- Direct data acquisition to computer
- Window based and user friendly software.
- Graphical presentation of Dial Indicator errors in forward and backward directions.
- Software is capable of maintaining Gauge history.

Application

- Calibration of Plunger Type Dial
- Calibration of lever type dial
- Calibration of Dial Bore Gauge

Technical Specifications

Features	Model DCT1	Model DCT2
Measuring System	Sylvac Digital Display Unit D50s and Sylvac P25 Probe	Sylvac Digital Dial
Calibration Range	0-25mm / 1"	0-25mm / 1"
Repeatability	0.0003mm	0.001mm
Displacement Error over full range	0.0025mm	0.005mm
Resolution	0.001 / 0.0001mm	0.001mm
Weight	14 Kg	12.5 Kg



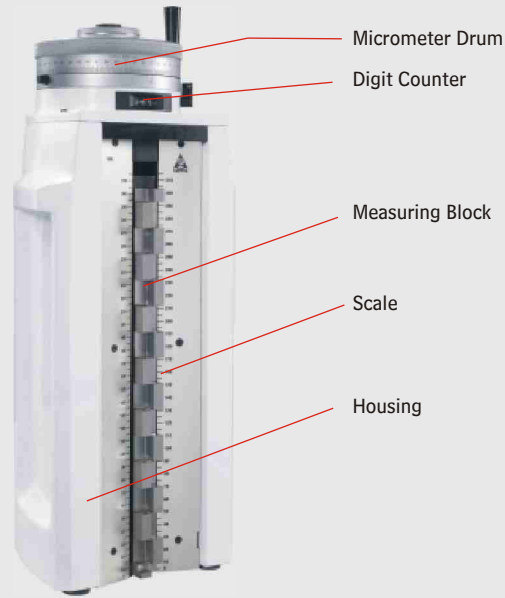
Calibration of dial bore gauges



Calibration of lever type dial

HEIGHT MASTER

Product Code : C1102010310



Feature : It is a high precision instrument to measure and transfer of height on the job. It can be used as a master for calibration in Standards Room and in Tool Room.

Technical Specifications

Parameters	Heavy Duty HM-1
Measuring Range	5-310 mm
Least Count	0.001 mm
Minimum Reading on the counter	0.01 mm
Travel of Micrometer Head	20 mm
Pitch of Micrometer Head	0.5 mm
Height of Measuring Blocks	20 mm
Travel of Reference line	360°
Minimum Reading on the Housing scale	5 mm
Weight	26 Kg
Support Pads	Tungsten Carbide
Overall Accuracy	±0.003 mm
Parallelism over entire length of block	0.001 mm
Accuracy of Micrometer Head	±0.0015 mm
Hardness of Gauge Blocks	60 ±2 HRC

Accessories

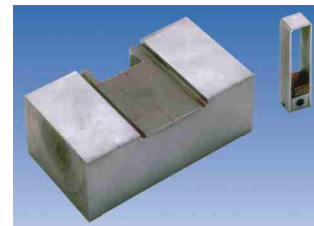
Riser Block

Measuring range can be increased with riser blocks up to 600mm.

Specifications	RB-1	RB-2
Height	150mm	300mm
Accuracy	±1.5µm	±2.5µm



Product Code : C1102020..



Product Code : C11020300..

Measuring Insert with Bridge

You can project the gauge blocks for calibration of lever type and plunger type dials. Along with bridge, one can also set bore gauges.

L02 / May / 2009

Calibration certificate traceable to National / International standards provided for instrument & accessories



Optional NABL Certification at extra cost

Manufactured By :

ADITYA ENGINEERING COMPANY, PUNE, INDIA.

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