

DIAL CALIBRATION TESTER

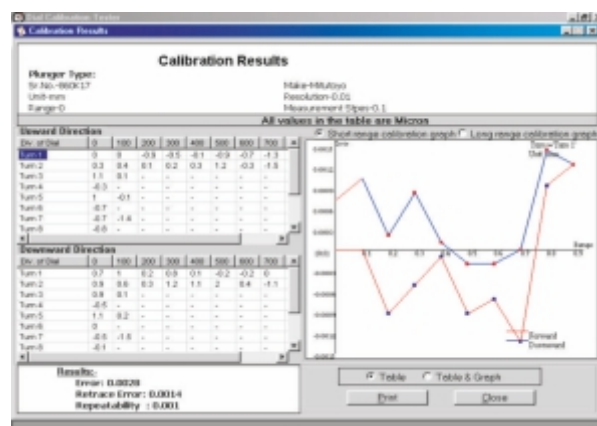


Features

- Precise and sensitive micrometer drum with non rotating anvil
- Robust construction with virtual 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 (Stick Type) 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 resolutions 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.

Technical Specification

Features	Model DCT1	Model DCT2
Measuring System	Digital Display Unit & 10 mm to 25 mm Stroke Probe	Digital Dial
Calibration Range	0-25mm / 1"	0-25 mm / 1"
Repeatability	0.0003mm	0.001 mm
Displacement Error Over Full Range	0.0025mm	0.005 mm
Resolution	0.001/0.0001mm	0.001 mm

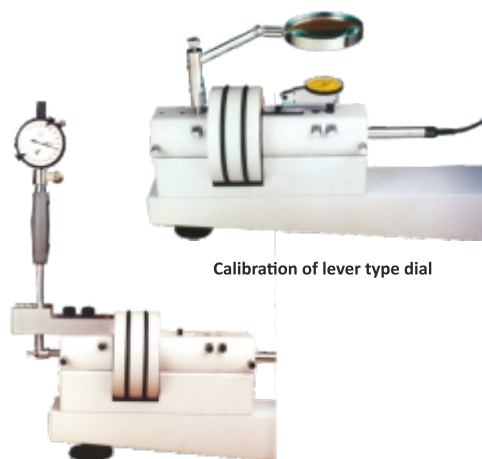


Features of DG Cal Software

- Direct data acquisition to computer
- Windows based and user friendly software
- Graphical presentation of Dial Indicator errors in forward and backward directions.
- Software is capable of maintaining Gauge history
- Plunger type dial as per IS 2092 : 1983
- Lever type dial as per IS 11498 : 1985
- Hysteresis result

Application

- Calibration of Plunger / Lever Type Dial of shank dia 8 mm
- Calibration of Dial Bore Gauge (single point) up to 150 mm on std. accessories
- By using optional accessories bore gauge can be checked up to 450 mm
- Calibration of microkaters



Calibration of dial bore gauges



Calibration of Microkaters

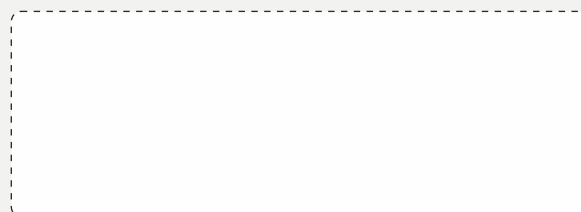


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Note : Due to continuous Improvements at our end, Specifications are subject to change without prior notice.