

Dial Calibration Tester

Cost Effective Solution To Fulfil ISO Requirements

CALIBRATION OF PLUNGER TYPE, LEVER TYPE DIAL GAUGES AND BORE GAUGES MADE USER FRIENDLY.

The manufacturing tolerances in almost all the Industries are becoming stringent due to increased awareness of quality. This also calls for high accuracy components in Precision Assemblies and Sub-assemblies. The Quality Control Department, therefore is loaded with the periodic calibration of various measuring instruments, since the accuracy of the components depends largely on the accuracy of measuring instruments. In other words the periodic calibration of shop floor Precision Instruments, like Plunger type Dial Gauges, Back Plunger type Dial Gauges, Lever type Dial Gauges and Bore Gauges is inevitable and is a regular feature in many companies of repute. The practice of Periodic Calibration is of vital importance for Quality Assurance as well as cost reduction.

The set of Dial Calibration Tester enables us to test four different kinds of Precision Measuring Instruments and all the required accessories are included in the set. We have marketed over 800 sets in the country. The habit of periodic calibration has to be cultivated right from the stage of Technical Education viz. Engineering Colleges, Polytechnics and other institutes.

Why periodic calibration

- To grade the dial according to its accuracy and thereby to choose the application where it can be safely used.
- To determine the worn-out zone of travel facilitating full utilization of dials.
- To inspect the dial after repairs and maintenance.
- To ascertain the exact point of discardation.

Order Code

Model	Measuring range	Least Count	Accuracy over the measuring range
DCT-025	0-25 mm	0.001 mm	0.003 mm
DCT-026	0-1 inch	0.0001 inch	0.00012 inch
DCT-027	0-25 mm	0.0002 mm	0.003 mm

Optional Accessories

Lens for drum
Extra holder of 28/30 for mounting mikrokator - Dial Gauge

Overall Dimensions

• Base - 125 x 180 mm • Column - 340mm • Weight - 7 kg approx.

Features

- Carbide Tipped measuring face.
- Holding shaft provides holes of 8 mm & 3/8 inch.
- Holding brackets accommodate bore gauges upto 23 mm 'tube diameter'.
- Calibration Certification from our NABL Accredited Laboratory.



DCT (L.C. - 0.001 mm)



DCT (L.C. - 0.0002 mm)



Calibration of Plunger Type Dial Gauge



Calibration of Bore Gauge (Horizontal)



Calibration of Bore Gauge (Vertical)



Calibration of Lever Type Dial Gauge
The reflection of the pointer in the mirror assists speedy and fatigue less calibration for lever as well as back plunger type dial gauges.



Manufactured by -

KUDALE INSTRUMENTS (P) LTD.

"Precision House", 98A/17, Hadapsar Industrial Estate, Pune - 411 013 (India)

Tel.: +91 (20) 26870567 26872068 Fax : +91 (20) 26875383

E-mail: msands@vsnl.com • sales@kudaleinstruments.com • kudale@vsnl.com

We reserve the rights to alter designs and specifications without prior notice.



Our Group Companies : • Mikrotech • Mikrotech Sales & Service • Kudale Calibration Laboratory (P) Ltd.

www.kudaleinstruments.com