

MICRON INSTRUMENT CO.
Dial Gauge Calibrator.
Model – DGCH – 25

“Micron” DGCH-25 is a Portable Device, based on universal “Abbe Principal” It’s simple design enables it to calibrate both plunger and lever DTI’s (Dial Test Indicators). It can also be used for calibration of bore gauges. The unit also determines gauge hysteresis which is not possible using conventional gauge blocks. This dial gauge calibrator can be used in calibration laboratories and also as roaming shop floor gauge calibrator. The test is performed by comparison with the master gauge.

SPECIFICATIONS:

25 mm travel covering the majority of common indicators

Accepts lever indicators with stylus up to 40 mm long

Computer interface for efficient calibration reports.

Plunger dials with 8mm or 3/8” shank can be tested.

Bore gauges up to 150 mm can be checked.

The standard Kit incorporates,

- Cary case
- ModelDGCH-25 calibrator
- Magnifying glass
- 3/8” to 8 mm stem mounting sleeve.
- Bore Gauge holding bracket and extension rod.

Additional Accessories, (at extra cost)

- Master gauge (Baker Electronic Dial Gauge ED1) L.C. 0.001mm
- RS 232 cable to transfer output to computer with software
- 25 mm travel Electronic Probe with DRO l.c. 0.0001mm

For more details and enquiry please contact.

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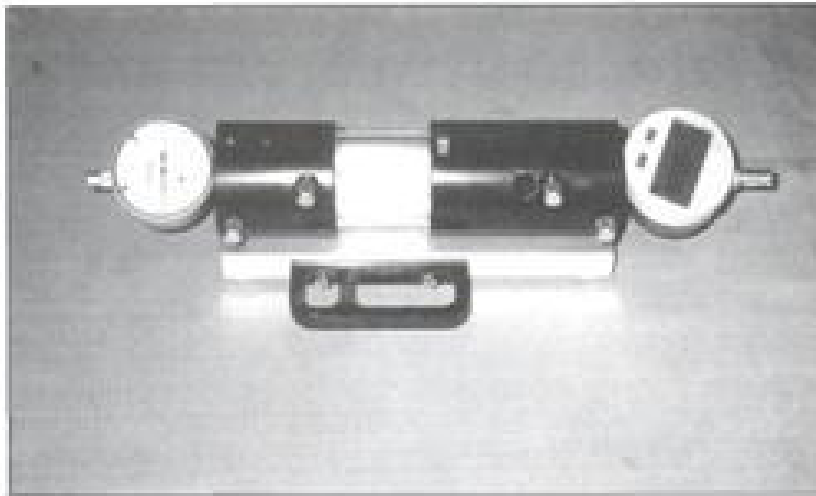
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Dial Gauge Calibrator



DGC - 25

The Micron Model DGC 25 Dial Gauge Calibrator can be used as a portable device for roaming shop floor gauge calibration checks. It's universal design enables it to calibrate both plunger and lever DTI's with ease, by comparing measured values with those of the master's accuracy supplied. The instrument is built in respect of Abbe's principle.

Specifications :-

- 25 mm travel covering the majority of common indicators
- Portable design allows quick shop floor calibration status checks
- Accepts lever indicators with a stylus up to 40mm long
- Also determines gauge hysteresis (not possible using conventional gauge blocks)
- Computer interface for efficient calibration reports.
- High accuracy master display option for standards room use.
- Plunger dials with 8mm or 3/8" shank can be tested.
- Up to 150mm Bore Gauges can be checked.

Accuracy:-

Master should be at least 3 to 10 times more accurate than the indicators to be tested.
It is possible to use any certified master or choose between one of the following :

Baker Electronic Dial Gauge ED-1

Sylvac or Mitutoyo 25 mm travel Electronic Dials.

Master should have 8 mm dia. mounting shank..

Electronic dial with opto RS 232 output is preferred since the actual master reading can be directly sent to a PC with the help of software which avoids errors and efforts of writing and then transferring the readings to a certificate.

