

Gauge Block Comparator

- Provides quick and reliable calibration of Gauge Blocks from 0.5 to 100 mm as per ISO/DIN/BS Standard in Metric & Imperial
- Eminent for calibration of all grades of Gauge Blocks by comparison method.
- Specially developed user friendly software provides quick results for center deviation, parallelism and selection of grade.
- No Zero setting required as the software compares the difference between the Master and Test Gauge Block taking in to consideration the expansion in length due to temperature, type of material and deformation factor.
- Two LVDT probes connecting both the faces of Gauge Blocks allow differential measurement that gives most accurate results.
- Manual version is also available.
- Comes along with Calibration Certificate traceable to National Standard & Instruction Manual on the use and care.



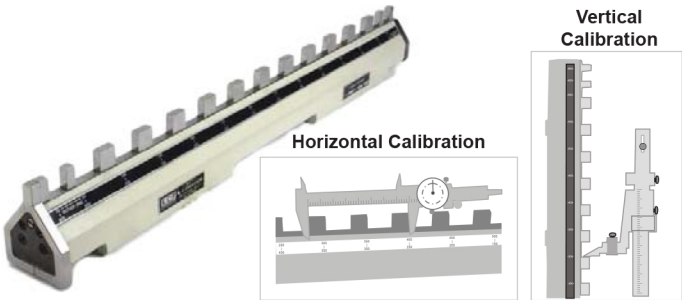
Technical Specifications:

Model No:	GBC-200
Measuring Range:	0.5 – 180mm
Resolution:	0.01µm
Work Table:	60 X 60 mm (Carbide Line Contact)
Measuring Inconsistency:	0.01 µm
Weight:	45kg



Caliper Checker

- Reliable for calibration of all types of Vernier Calipers and Vernier Height Gauges.
- Comprises of permanently wrung Gague blocks made of KCP Class i.e. made of selected alloy steel and tungsten carbide giving high-grade super finish and greater wear resistance.



Technical Specifications

Range	External Measurement	Internal Measurement	Height Measurement	Accuracy (±)
300	360	300	360	0.003
600	660	600	660	0.005
1000	1060	1000	1060	0.007

* All figures in mm

Internal Micro Checker

- Just right for calibration and zero setting of Internal Micrometers up to 600 mm range.
- Comprises of permanently wrung Gauge blocks made of KCP class.



Technical Specifications

Range	Measuring Steps	Accuracy (±)
300	0.25, ... 300 step 25	0.003
600	0.25, ... 600 step 25	0.005

* All figures in mm

Depth Micro Checker

- Just right for calibration and zero setting of Internal Micrometers up to 600 mm range.
- Comprises of permanently wrung Gauge blocks made of KCP class.

Technical Specifications

Range	Measuring Steps	Accuracy (±)
150	0.25, ... 150 step 25	0.003
300	0.25, ... 300 step 25	0.005

* All figures in mm



Comparator Stand



- Manufactured in three types
 - 1) 0-150 mm with Fine adjustment
 - Mounting hole : ø 8 mm, ø28 mm & ø30mm
 - Work Table : ø60 mm Plain/Serrated in steel/Carbide
 - 2) 0-200 mm and 3) 0-300 mm with Micro Fine adjustment
 - Mounting hole : ø 8 mm
 - Work Table : 60x60x6 mm in Plain/Serrated in steel/Carbide
- Spare comparator base is also available in steel/carbide in following sizes
 - ø 60 x 6 mm (Plain/Serrated)
 - ø 80 x 8 mm (Plain/Serrated)
 - 60 x 60 x 6 mm (Plain/Serrated)

Air Plug Gauge



- Range available from 3 mm to 150 mm in steel and from 6 mm to 60 mm in carbide.
- Provided with pair of Master Setting Ring(higher & lower).
- Offered for Through bore, Blind bore, Stepped bores.
- Adjustable depth collar can be provided for checking specific height.
- Offered with 2, 3 & 4 measuring jets as per requirement.
- Also offered to suit defferent makes, as per requirement.

Air Ring Gauge



- Range available from 4 mm to 120 mm in steel.
- Range available from 4 mm to 60 mm in carbide.
- Provided with Master Setting Plug (higher & lower).
- Offered with 2, 3 & 4 measuring jets as per requirement.
- Also offered to suit defferent makes, as per requirement.

Air Snap Gauge



- Range available from 10 mm to 150 mm with carbide reting pads.
- Provided with Master Setting Plug (higher & lower).
- Also offered to suit defferent makes, as per requirement.

Air Gauging Display Units



- Works on null balance pressure system
- Operating pressure: 43 psi-60 psi (3-4 bar)
- Available in two resolution
 - I) L.C. 0.0005 mm, Range: ±0.02 mm
 - ii) L.C. 0.001 mm, Range: ±0.04 mm

Air Electronic Column Unit



- Single /Tri Colour Six Digit Display
- Absolute/Comparative Measurement
- Auto Calibration Facility
- Selectable range and least count
- Metric/Imperial measurement
- RS 232 Output
- Single/ Tri Colour LED indicating component tolerance status

Air Electronic Display Unit



- Single /Tri Colour Six Digit Display
- Absolute/Comparative Measurement
- Auto Calibration Facility
- Range/LC: ±2000 µm/1 µm, ±200 µm/0.5 µm, ±200 µm/0.10 µm
- Metric/Imperial measurement
- RS 232 Output
- Single/ Tri Colour LED indicating component tolerance status

Plain Plug Gauges



- Provides Plain Plug Gauges with GO member in carbide and NOGO in steel (NOGO member can be provided in carbide)
- Both GO & NOGO in steel is also available.
- Also supplied as per customer requirement for special length.
- Possess all the required characteristic properties of KCP Class.

Technical Specifications

Range in mm	5-8	8-40	40-60	60-350
300	Reversible	Taper Shank	Tri Lock	Plate

Plain Ring Gauges



- Ring Gauges with GO member in carbide and NOGO in steel (NOGO member can be provided in carbide)
- Both GO & NOGO in steel is also available.
- Manufactured range of Ring gauges - carbide: 6-60 mm and steel : 6-100 mm.
- Ring Gauges with special length and diameter are also available.