ACCURATE
Metrology & Automation
Since 1984

CHECK MASTER

CERTI.NO. CC- 2082

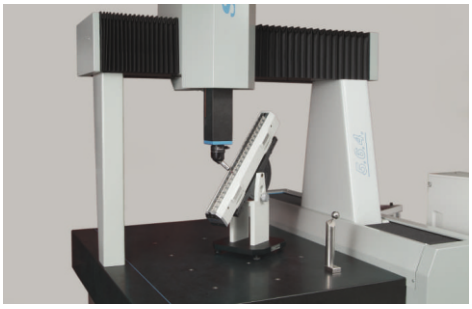
Range Step (mm)	Nominal (WxDxH Faces)	Dimensions Measuring from Nominal Step	Max. Deviation ±	Weight
0-450 mm	10 mm	478 x 66 x 86	3.5 µm	12 Kg
0-600 mm	10 mm	628 x 66 x 86	4.5 µm	16 Kg
0-1000 mm	10 mm	1028 x 66 x 86	6.5 µm	25 Kg

Features

- Steel Gauge blocks are made of Alloy steel, hardened and sub-zero treated for absolute dimensional stability housed in rigid cast Iron frame
- Coefficient of thermal expansion 11.5 x10¯6
- Measuring faces at every 10mm step with controlled deviation from nominal length
- Resting pads at AIRY points in horizontal orientation
- Rectangular steel pads provided close to measuring face for easy referencing
- Handles are provided for easy lifting

Application

- Used for Checking the accuracy of table movements of Machine Tools and to calibrate CMMs axis
- Step Gauge for Checking the Accuracy of Co-ordinate Measuring Machines



Step gauge for checking the accuracy of co-ordinate measuring machines.

Accessories

Swivel Support Stand

- Swivel Support Stand is an optional accessory which allows the Check Master to be positioned on CMM in any direction

MICROMETER CHECK SET

Features

- All gauge blocks are made of Alloy steel, hardened and sub-zero treated for dimensional stability and gauge block are housed in stand for easy of Calibration.
- Calibration stand is provided optionally

Application : Calibration of external micrometers.

Micrometer Calibration Set-metric

Metric 10 Pieces 0 to 25mm

2.50, 5.10, 7.70, 10.30, 12.90, 15.00, 17.60, 20.20, 22.80. 25.00.

Metric 11 Pieces 25 to 50mm

25.00, 27.50, 30.10, 32.70, 35.30, 37.90, 40.00, 42.60, 45.20, 47.80, 50.00.

Metric 11 Pieces 50 to 75mm

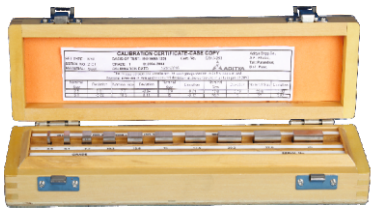
50.00, 52.50, 55.10, 57.70, 60.30, 62.90. 65.00, 67.60, 70.20, 72.80, 75.00.

Metric 11 Pieces 75 to 100mm

75.00, 77.50, 80.10, 82.70, 85.30, 87.90, 90.00, 92.60, 95.20, 97.80, 100.00.

Metric 13 Pieces 0 - 100 mm

2.50, 5.10, 7.70, 10.30, 12.90, 15.00,17.60, 20.20, 22.80, 25.00, 50.00, 75.00, 100.00mm



Micrometer Calibration Set

Micrometer Check Set

Note : Stand optional on request.