

CHECK MASTER



CERTI.NO. CC- 2433



Range Step (mm)	Nominal (WxDxH Faces)	Dimensions Measuring from Nominal Step	Max. Deviation \pm	Weight
0-450 mm	10 mm	478 x 66 x 86	3.5 μ m	12 Kg
0-600 mm	10 mm	628 x 66 x 86	4.5 μ m	16 Kg
0-1000 mm	10 mm	1028 x 66 x 86	6.5 μ m	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 11.5×10^{-6}
- Measuring faces at every 10mm step with controlled deviation from nominal length
- Restingpads at AIRY points in horizontal orientaatoin
- 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

Accessories

Swivel Support Stand

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



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

MICROMETER CHECK SET

Features

- All gauge blocks are made of Alloy steel, hardened and sub-zero treated for dimensional stability and machine lapped housed in rigid housing for ease of Calibration.
- Calibration stand is provided optionally

Application : Calibration of external micrometers.

Micrometer CalibrationSet-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.



Note : Stand optional on request.

CALIPER CHECKER



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Features

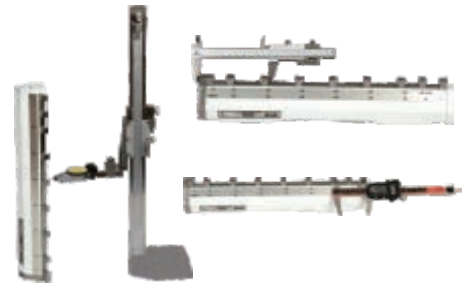
- Hardened and ground steel blocks
- Sub- Zero treated for Dimensional stability
- Each Gauge Block stacked in the rigid housing
- Can be used vertically and horizontally
- Available in range of 300, 600, 1000 mm
- Available in Inch version on request

Applications

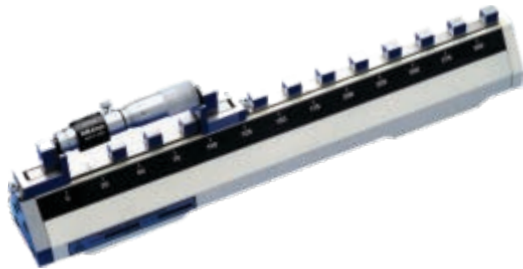
- Calibraton of all kind of Calipers & Height Gauges for measuring Height / Outside / Inside parameters

Technical Specifications

Model	Measuring Steps	Overall Accuracy
CC1-300	20,50,100,150,200,250,300	±0.005mm
CC2-600	20, 50, 100,150,200,250,300,350,400, 450, 500, 550, 600	±0.005mm
CC3-1000	20,50,100,150,200,250,300, 350,400,450, 500,550,600,650,700, 750,800,850,900, 950,1000	±0.010mm



INTERNAL MICROCHECKER



DEPTH MICROCHECKER

Technical Specifications

Specifications	IM-300	IM-600
Range	25-300 mm	25-600 mm
Block Pitch	25 mm	25 mm
Accuracy	±3 µm	±5 µm

Features

- Gauge Blocks are made of Alloy Steel and are hardened, lapped and sub-zero treated for dimensional stability and housed in rigid housing, which enables ease of zero setting of inside micrometers in increments of 25mm
- It includes a set of two, 10mm gauge blocks and positioning pieces

Applications

Specially designed for zero setting of rod type inside micrometers

Features

- The Gauge Blocks are set in a rugged cast iron housing at increments of 25 mm to enable accurate resetting of the micrometer
- All gauge blocks are made of Alloy Steel hardened and sub-zero treated for dimensional stability
- A hardened, ground and lapped steel gauge block of 25mm is provided with the instrument, which serves as reference point for the calibraton of depth micrometers at different heights

Applications :

Calibraton and Zero setting of Depth Micrometres



Technical Specifications

Specifications	Model DM -150	Model DM - 300
Measuring Range	0-150 mm/6"	0-300 mm/12"
Graduations	25 mm/1"	25 mm/1"
Parallelism of Gauge Blocks	0.0015mm	0.0015 mm
Reference Block	25 mm/1" ± 0.5 mm	25 mm/1" ± 0.5 mm
Overall Accuracy	±0.002 mm/0.00008"	±0.003 mm/0.00012"



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Note : Due to continuous R & D activities at our end, Specifications are subject to change without prior notice.