

## CHECK MASTER



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

### Accessories

#### Swivel Support Stand

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

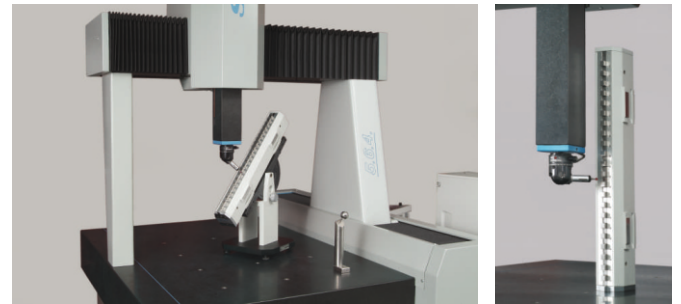


### Features

- 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  $11.5 \times 10^{-6}$
- 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.

## 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 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

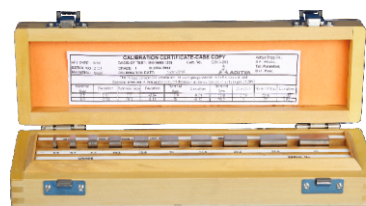
50.00, 52.50, 55.10, 57.70, 60.30, 62.90, 65.00, 67.60, 70.20, 72.80, 75.00.

##### 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



**Note :** Stand optional on request.

# CALIPER CHECKER



CERTI.NO. CC- 2433



## Technical Specifications

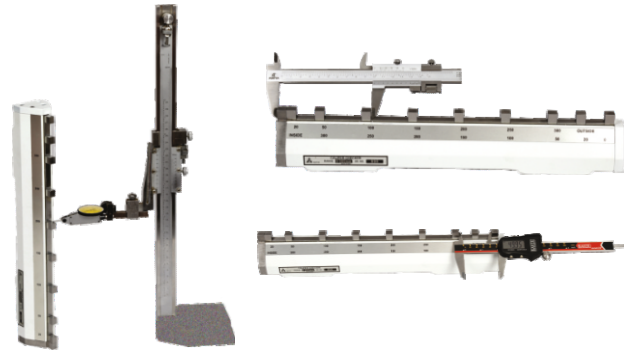
Model	Measuring Steps	Overall Accuracy
CC1-300	20,50,100,150,200,250,300	±0.005mm
CC2-600	20, 50, 100,150,200,250,300,350,400, 450, 500, 550, 600	±0.005mm
CC3-1000	20,50,100,150,200,250,300, 350,400,450, 500,550,600,650,700, 750,800,850,900, 950,1000	±0.010mm

## Features

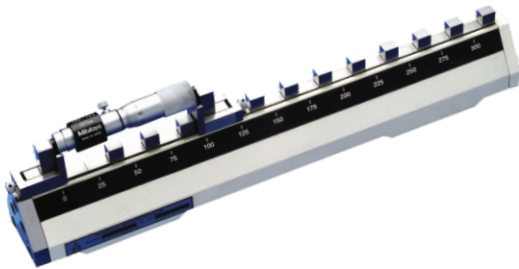
- Hardened and ground steel blocks
- Sub- Zero treated for Dimensional stability
- Each Gauge Block stacked in the rigid housing
- Can be used vertically and horizontally
- Available in range of 300, 600, 1000 mm
- Available in Inch version on request

## Applications

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



# INTERNAL 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

# DEPTH MICROCHECKER



## 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 calibration of depth micrometers at different heights

## Applications :

Calibration 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"

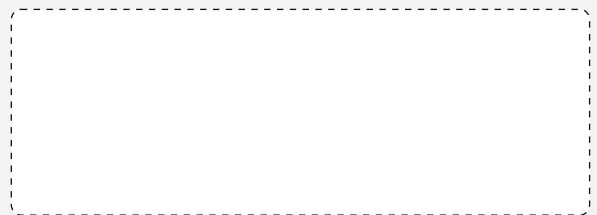


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Note : Due to continuous Improvements at our end, Specifications are subject to change without prior notice.