

CMTI Outreach Centre, Rajkot- Service

Machine Calibration/ Inspection Charges:

Sl. No.	Machine/ Equipment
01	Co-ordinate Measuring Machine - Mitutoyo 7106
	Point Measurement per hour (Rs. 600/- Minimum)
	Scanning Measurement per scanning
02	Digital Height Gauge
03	Roundness tester
	Roundness Parameter
	Cylindricity Parameter
	Straightness Parameter
04	Spectrometer
	Ferrous Materials
	Non Ferrous Materials
05	Metallurgical Microscope
06	Surface Roughness Tester per sample
07	Surface Plate (On-site Calibration)
	Per Half Day
	Per Full Day
08	Hardness Testing
09	Length Measuring Machine - Octagon
10	Vision Measuring Sysytem (Rs. 600/- Minimum)
11	Step Gauge (420 mm)
12	Step Gauge (620 mm)
13	Laser for Linear measurement
	Local
	Out-station
14	Laser for Linear +Geometric measurement
	Local
	Out-station
15	Laser for Linear +Geometric +Rotary axis measurement
	Local
	Out-station
16	Laser for Rotary axis measurement
	Local
	Out-station
17	Ball Bar
	Local
	Out-station
18	Laser for Linear measurement + Ball Bar
	Local
	Out-station
19	CMM Calibration

Calibration of Measuring Instruments:

Sl. No.	Particular	Range
01	Outside micrometer	0-100 mm
		101-200 mm
		201-300 mm
		301-500 mm
02	Inside micrometer	0-100 mm
		101-200 mm
		201-300 mm
		301-500 mm
03	Depth Micrometer	0-25 mm
		0-150 mm
04	Setting Rods (For micrometer)	Any Size
05	Passameter	25-150 mm
06	Vernier Caliper	0-150 mm
		0-200 mm
		0-300 mm
		0-450 mm
		0-600 mm
		0-1000 mm
07	Depth Vernier	0-200 mm
		0-300 mm
		0-400 mm
		0-500 mm
		0-600 mm
08	Dial Caliper Gauge	10-35 mm
		30-55 mm
		50-75 mm
09	Pistol Type Caliper	0 - 50 mm
		0 - 100 mm
		0 - 300 mm
10	Vernier Height Gauge (Mech.)	0 - 450 mm
		0 - 600 mm
		0 - 1000 mm
11	Vernier Height Gauge (Digital)	0 - 300 mm
		0 - 600 mm
		0 - 1000 mm
12	Electronic Height gauge	0 - 300 mm
		0 - 600 mm
		0 - 600 mm
13	Plunger Type Dial Gauge	0 - 10 mm
		0 - 12.5 mm
		0 - 20 mm
		0 - 30 mm
14	Lever Type Dial Indicator	L.C.: 0.01 mm
		L.C.: 0.001 mm
		L.C.: 0.002 mm
15	Dial Thickness Gauge	0 - 10 mm
16	Bevel Protractor	0 - 360°
17	Sine Bar	100 mm
		200 mm
		300 mm

18	Steel Scale	0 - 300 mm
		0 - 600 mm
		0 - 1000 mm
19	Steel Tape	3 Mtr.
		5 Mtr.
		15Mtr.
20	V-Block	-
21	Spirit Level	0.02 mm/m
22	Frame Type Spirit Level (Box type)	0.02 mm/m
23	Bore Gauge	Up to 150 mm
		150 - 400 mm
		400 - 800 mm

Calibration: Gauges & Gauging Elements:

Sl. No.	Particular	Range
01	Plain Plug Gauge	0 - 100 mm
		101 - 200 mm
		201 - 300 mm
02	Plain Ring Gauge	0 - 100 mm
		101 - 200 mm
03	Taper Plug/Ring Gauge	Any Range
04	Snap Gauge	0 - 100 mm
		101 - 200 mm
05	Feeler Gauge	-
06	Slip Gauge	Any Grade
07	Angle Gauge Block	-
08	Thread Plug Gauge	0 - 100 mm
09	Thread Ring Gauge	0 - 75 mm
10	Straight Edge	Upto 500 mm
		500-1000 mm
		1000-1500 mm
11	Engineer Square	Upto 500mm
		500-900 mm
12	Granite Square	Upto 300 mm
		300-500 mm
		500-900 mm