

Inspection Equipments

CMM:	Make – MITUTOYO	Model CRYSTA-Apex S7106
	Measuring Range 700 X 1000 X 600 mm,	
	Resolution 0.1 μ m	Software – MCOSMOS-III (CNC)
Vertical Measuring Instrument (with 2D Statistical Module Programming)	Make TRIMOS	
& DigiMar Height range 872 mm, with 1 X 1 mt Granite Surface Plate, GMT make		
Hardness Tester:	ROCKWELL Hardness Tester	Make FINE
Surface Roughness Tester:	Mitutoyo make	
Surface Plate:	Grade I, 630 X 630 mm, Granite 3 No & C. I. 3 No., GMT Make.	
Height Gauge:	300 mm, Accurate make – 2 Nos.	
Dials:	Dial Comparator 1 μ Mahr make – 2 Nos, Lever type 2 μ , Mitutoyo make – 3 Nos. Lever type 10 μ , Mitutoyo make – 5 nos. Plunger type, 10 μ , Mahr make – 1 no, Mitutoyo make – 1 no. Plunger type, 1 μ , Mitutoyo make – 2 no. Dial Stands – 4 nos.	
Bore Gauges:	10-18 to 50-150 mm range, Total 11 Bore Gauges	Mitutoyo make
Depth Micrometers:	0-100 mm,	10 μ Chinese make
Micrometers:	0-25 to 50-75 mm	1 μ Mitutoyo make Total 5 Nos.
	0-25 to 200-300 mm,	10 μ Mitutoyo make Total 13 Nos. Chinese make Total 3 Nos.
Vernier Calipers:	200 mm, Digital Vernier 300 mm, Digital Vernier 200 to 300 mm, various Verniers	Mitutoyo make – 6 Nos. Baker make – 1 No. Mitutoyo make – 6 Nos.
Ring Gauges:	MT2, MT3, MT4, MT5	Unity make
Slip Gauge Box:	83 pcs SET 83 pcs SET	Russian Make Chinese Make
Slip Gauge Accessories:	7 pc set	Mikronix Make

Sine Centres:	300 mm	Supreme Make
Bench Centre:	φ300 X 500 mm	Jafuji
Comparator Stand:	200 mm	Unity Make – 1 No.
Internal Dial Caliper Gauge:	Range: 20-36, 30-62 & 55-150 mm	Teclock Make Three sets
Others:	Meter to check radioactive contamination in raw material. Electronic Weighing M/C, Magnetic V Block 2 pairs, Graticule Magnifier, Digital Temperature Meter, Master Setting Rings, etc.	
Specific:	Test Rig for testing CNC Live Centres [Own product]	
Metallurgical:	We hire external services for Ultrasonic testing, Spectro Testing, Chemical analysis of elements & physical test as applicable.	
<u>Computerization:</u>	18 work-stations connected to Server, 24-hrs internet connectivity, Data security, 17 concurrent users ERP, etc.	