List of Measuring Instruments &Testing Equipments

Sl. No.	Instrument Description	Make	Range	Least Count	Qty
1	Insulation Tester	V.K.S	500 V / 200 MΩ	—	1
2	Granite Surface Plate	AVK	630 × 630 mm	—	2
3	Granite Surface Plate	Luthra Engineering Works	630 × 630 mm	—	1
4	Granite Surface Plate	LUTHRA	1000 × 630 mm	—	1
5	Granite Surface Plate	MICRO / MICROCRAFT	630 × 630 mm	—	2
6	Granite Surface Plate	LUTHRA PRECISION INSTRUMENTS	630 × 630 mm	—	1
7	Granite Surface Plate	MICRON MEASUREMENT	1000 × 630 mm	—	1
8	Granite Surface Plate (Small)	LUTHRA PRECISION INSTRUMENTS	250 × 150 mm	—	2
9	Cast Iron Surface Plate	LUTHRA PRECISION INSTRUMENTS	1000 × 630 mm	—	1
10	Spectrometer / Colorimeter	TARGET MEASURE	L*: 1–100	—	1
11	Digital Height Gauge	MITUTOYO	0–600 mm	0.01 mm	3
12	Digital Height Gauge	MITUTOYO	0–300 mm	0.01 mm	4
13	Height Gauge	INSIZE	0–300 mm	0.01 mm	1
14	2D Height Gauge	TRIMOS	0–600 mm	0.001 mm	1
15	Digital Height Gauge	TRIMOS	0–600 mm	0.0001 mm	1
16	Digital Vernier Caliper	MITUTOYO	0–150 mm	0.01 mm	16
17	Digital Vernier Caliper	MITUTOYO	0–200 mm	0.01 mm	9
18	Digital Vernier Caliper	MITUTOYO	0–300 mm	0.01 mm	5
19	Digital Vernier Caliper	INSIZE	0–300 mm	0.01 mm	1
20	Analog Vernier Caliper	MITUTOYO	0–150 mm	0.02 mm	1
21	Analog Vernier Caliper	MITUTOYO	0–150 mm	0.01 mm	2
22	Analog Vernier Caliper	MITUTOYO	0–200 mm	0.01 mm	2
23	Analog Vernier Caliper	MITUTOYO	0–300 mm	0.02 mm	1
24	Analog Vernier Caliper	MITUTOYO	0–300 mm	0.01 mm	1
25	Digital Micrometer	MITUTOYO	0–25 mm	0.001 mm	3
26	Digital Micrometer	MITUTOYO	25–50 mm	0.001 mm	1
27	Analog Micrometer	MITUTOYO	0–25 mm	0.01 mm	5
28	Analog Micrometer	MITUTOYO	25–50 mm	0.01 mm	4
29	Analog Micrometer	FORBES	50–75 mm	0.01 mm	1

30	Adjustable Micrometer	MITUTOYO	25–150 mm	0.01 mm	1
31	Depth Micrometer	MITUTOYO	0–25 mm	0.01 mm	1
32	Digital Depth Gauge	MITUTOYO	0–150 mm	0.01 mm	1
33	Plunger Dial Gauge	MITUTOYO	0–10 mm	0.01 mm	4
34	Plunger Dial Gauge	YURI	0–10 mm	0.01 mm	1
35	Digital Plunger Dial Gauge	ABSOLUTE	0–12.7 mm	0.001 mm	1
36	Digital Plunger Dial Gauge	MITUTOYO	0–12.7 mm	0.01 mm	1
37	Plunger Type Dial Gauge	MITUTOYO	0–12.7 mm	0.0005 mm	1
38	Digital Plunger Dial Gauge	MITUTOYO	0–25.4 mm	0.001 mm	1
39	Lever Type Dial Gauge	MITUTOYO	0–0.2 mm	0.002 mm	1
40	Lever Type Dial Gauge	MITUTOYO	0–0.8 mm	0.01 mm	5
41	Dial Gauge	MITUTOYO	0–10 mm	0.01 mm	1
42	Dial Indicator	INSIZE	0–25 mm	0.01 mm	1
43	Dial Test Indicator	MITUTOYO	0–0.8 mm	0.01 mm	13
44	Digital Indicator	MITUTOYO	0–12.7 mm	0.0005 mm	2
45	Micron Dial	MITUTOYO	0–1 mm	0.002 mm	1
46	Slip Gauge / Gauge Block Set	HI-MEAZA	0.5–100 mm	—	1
47	Slip Gauge / Gauge Block Set	INSIZE	0.5–100 mm	—	2
48	Slip Gauge / Gauge Block Set	HEMAZAR / HEMA ZAR	0.5–100 mm	—	1
49	Slip Gauge Set	ORIENT	0.5–100 mm	—	1
50	Slip Gauge	HI-MEZAR	0–100 mm	—	1
51	Bore Gauge	PEACOCK	48.00 ± 0.6 mm	0.0001 mm	1
52	Bore Gauge	Not specified	35–50 mm	—	1
53	Bore Gauge	TOYO	10–18 mm	0.0001 mm	1
54	Bore Gauge	YURI	18–35 mm	0.0001 mm	1
55	Bore Gauge	YURI	35–60 mm	0.0001 mm	1
56	Bore Gauge	YURI	50–160 mm	0.0001 mm	1
57	Three Point Internal Micrometer	BOWERS	6–8 mm	0.001 mm	1
58	Three Point Internal Micrometer	BOWERS	8–10 mm	0.001 mm	1
59	Three Point Internal Micrometer	BOWERS	10–12.5 mm	0.001 mm	1
60	Three Point Internal Micrometer	BOWERS	12.5–16 mm	0.001 mm	1
61	Three Point Internal Micrometer	BOWERS	16–20 mm	0.001 mm	1
62	Master Gauge for Bowers Internal Micrometer	BAKER	19.9982 mm	—	1
63	Master Gauge for Bowers Internal Micrometer	BAKER	12.5012 mm	—	1

64	Master Gauge for Bowers Internal Micrometer	BAKER	8.00 mm	—	1
65	Plain Ring Gauge	MGM	Ø9.0075 − 0.005 mm	—	1
66	Plain Ring Gauge	MGM	Ø9.0075 + 0.009 mm	—	1
67	Plain Ring Gauge	MGM	Ø12.0090 − 0.009 mm	—	1
68	Plain Ring Gauge	MGM	Ø12.0090 + 0.009 mm	—	1
69	Plain Ring Gauge	MGM	Ø15.0350 − 0.015 mm	—	1
70	Plain Ring Gauge	MGM	Ø15.0350 + 0.018 mm	—	1
71	Plain Ring Gauge	MGM	Ø17.9785 − 0.006 mm	—	1
72	Plain Ring Gauge	MGM	Ø17.9785 + 0.005 mm	—	1
73	Threaded Plug Gauge	HIP	M2.5 × 6H	—	1
74	Threaded Plug Gauge	BAKER	M3 × 6H	—	1
75	Threaded Plug Gauge	BAKER	M4 × 6H	—	2
76	Threaded Plug Gauge	BAKER	M5 × 6H	—	2
77	GO-NOGO Threaded Ring Gauge	TGPPL	M10 × 1.25 × 6H	—	1
78	Terminal Block GO-NOGO Gauge	In-house	—	—	1
79	Limit Gauge / Top Plate Height Checking Gauge	Not specified	18.46 mm	—	1
80	Distance Gauge (BBD)	Not specified	47.503 mm	—	1
81	Pin Gauge	ADVANCE MEASURING SYSTEMS	10.01–11.00 mm	0.01 mm	1
82	Pin Gauge	ADVANCE MEASURING SYSTEMS	1.02–3.00 mm	0.02 mm step	2
83	Pin Gauge	ADVANCE MEASURING SYSTEMS	3.02–5.00 mm	0.02 mm step	2
84	Pin Gauge	ADVANCE MEASURING SYSTEMS	5.02–7.00 mm	0.02 mm step	2
85	Pin Gauge	ADVANCE MEASURING SYSTEMS	7.02–8.50 mm	0.02 mm step	2
86	Pin Gauge	ADVANCE MEASURING SYSTEMS	8.52–10.00 mm	0.02 mm step	2
87	Pin Gauge	KCP	Ø11.01–Ø12.00 mm	—	1
88	Pin Gauge	INSIZE	0.5–7 mm	0.01 mm	1
89	Pin Gauge	INSIZE	0.5–2.5 mm	0.01 mm	1

90	Pin Gauge	INSIZE	2.51–4 mm	0.01 mm	1
91	Pin Gauge	INSIZE	4.01–5.5 mm	0.01 mm	1
92	Pin Gauge	INSIZE	5.5–7 mm	0.01 mm	1
93	Pin Gauge	INSIZE	7.01–8.5 mm	0.01 mm	1
94	Pin Gauge	INSIZE	8.51–10 mm	0.01 mm	1
95	Pin Gauge	AIIS	0.50–1.00 mm	0.02 mm step	1
96	Pin Gauge	AIIS	1.02–4.00 mm	0.02 mm step	1
97	Pin Gauge	AIIS	4.02–7.00 mm	0.02 mm step	1
98	Pin Gauge	AIIS	7.01–7.50 mm	—	1
99	Pin Gauge	AIIS	15.01–15.50 mm	—	1
100	Pin Gauge	AIIS	0.5–1 mm	0.01 mm	1
101	Pin Gauge	AIIS	1.02–4 mm	0.01 mm	1
102	Pin Gauge	AIIS	4.02–7 mm	0.01 mm	1
103	Pin Gauge	NIRGHOSH ENGINEERING	0.50–2.50 mm	0.01 mm	1
104	Pin Gauge	NIRGHOSH ENGINEERING	2.51–4.00 mm	0.01 mm	1
105	Pin Gauge	NIRGHOSH ENGINEERING	4.01–5.501 mm	0.01 mm	1
106	Pin Gauge	NIRGHOSH ENGINEERING	5.51–7.001 mm	0.01 mm	1
107	Pin Gauge	NIRGHOSH ENGINEERING	7–8.50 mm	0.01 mm	1
108	Pin Gauge	NIRGHOSH ENGINEERING	8.51–10.00 mm	0.01 mm	1
109	Pin Gauge	AIIS	0.50–0.99 mm	0.01 mm	1
110	Pin Gauge	AIIS	1.00–2.00 mm	0.01 mm	1
111	Pin Gauge	AIIS	2.01–3.00 mm	0.01 mm	1
112	Pin Gauge	AIIS	3.01–4.00 mm	0.01 mm	1
113	Pin Gauge	AIIS	4.01–5.00 mm	0.01 mm	1
114	Pin Gauge	AIIS	5.01–6.00 mm	0.01 mm	1
115	Pin Gauge	AIIS	6.01–7.00 mm	0.01 mm	1
116	Pin Gauge	AIIS	7.01–8.00 mm	0.01 mm	1
117	Pin Gauge	AIIS	8.02–10.00 mm	0.02 mm	1
118	Pin Gauge	AIIS	10.02–12.00 mm	0.02 mm	1

119	Cylindrical Measuring Pin	Not specified	0.50–1.00 mm	0.02 mm	1
120	Cylindrical Measuring Pin	Not specified	1.02–3.00 mm	0.02 mm	1
121	Cylindrical Measuring Pin	Not specified	3.02–5.00 mm	0.02 mm	1
122	Cylindrical Measuring Pin	Not specified	5.02–7.00 mm	0.02 mm	1
123	Cylindrical Measuring Pin	Not specified	7.02–8.50 mm	0.02 mm	1
124	Cylindrical Measuring Pin	Not specified	8.52–10.00 mm	0.02 mm	1
125	Electronic Weighing Machine	BUVI	0–300 kg	50 g	3
126	Electronic Weighing Machine	ELECTRO-INDIA	0–300 kg	100 g	2
127	Electronic Weighing Machine	ESSAE / ESSAE-TERAOKE	0–30 kg	1 g	5
128	Electronic Weighing Machine	ESSAE	0–6 kg	1 g	1
129	Electronic Weighing Machine	ESSAE	0–15 kg	2 g	1
130	Electronic Weighing Machine	ESSAE	0–30 kg	2 g	1
131	Electronic Weighing Machine	SMART	0–30 kg	0.5 g	2
132	Electronic Weighing Machine	SMART	0–600 g	0.01 g	1
133	Electronic Weighing Machine	INDIANA	0–300 kg	50 g	1
134	Electronic Weighing Machine	INDIANA	0–200 kg	20 g	2
135	Electronic Weighing Machine	INDIAN	0–10 kg	20 g	1
136	Electronic Weighing Machine	SAMURAI	0–50 kg	0.005 kg	1
137	Electronic Weighing Machine	SAMURAI	0–30 kg	1 g	1
138	Electronic Weighing Machine	PHONIX	0–13 kg	0.001 g	1
139	Electronic Weighing Machine	PHONIX	100 g–30 kg	0.001 g	1
140	Electronic Weighing Balance	PHONIX	0.1–600 g	0.001 g	1
141	Electronic Weighing Balance	ACCURATIO	1–600 g	—	1
142	Weighing Scale	Not specified	0–200 g	—	2
143	Electronic Counting Machine	ESSAE	0–6 kg	1 g	1
144	Electronic Counting Machine	ESSAE	0–15 kg	2 g	1
145	Electronic Counting Machine	ESSAE	0–30 kg	1 g	2
146	Electronic Counting Machine	ESSAE	0–30 kg	2 g	1
147	Moisture Analyzer	OHAUS	110 g	0.001 / 0.01 g	1
148	Moisture Analyzer	OHAUS	110 g	0.0005 g	1
149	Moisture Balance (Temperature)	OHAUS	Ambient–150°C	1°C	1
150	UTM	JINAN HENSGRAND INSTRUMENTS	0–20 kN	0.001 kN	1
151	UTM	JINAN	0–50 kN	0.01 kN	1

152	UTM / Tensile Tester	AE-TT-C	200 kg	0.1 kg	1
153	CMM	DURAMAX	X: 500, Y: 500, Z: 500 mm	0.0001 mm	1
154	Coordinate Measuring Machine	TESA MICRO HITE	460 × 510 × 420 mm	0.0001 mm	1
155	VMS	RAPID	X: 209, Y: 152, Z: 152 mm	0.001 mm	2
156	Visual Measuring System	CUSTOMISED TECHNOLOGY	400 × 200 × 150 mm	0.001 mm	1
157	Profile Projector	QUALITY PRECISION INSTRUMENT	—	0.001 mm	1
158	Pressure Gauge	SAX	—	—	2
159	Pressure Gauge	Not specified	—	—	1
160	Pressure Gauge (Hot Ball Indent Test)	JANATICS	0–10.5 bar	0.5 bar	1
161	Temperature Controller with Sensor	SCR Elektroniks	0–1000°C	1°C	1
162	Digital Thermometer (K-Type)	WACO	0–600°C	0.1°C	1
163	Digital Thermometer	METRAVI	−50°C to 1300°C	0.1 / 0.1°C	1
164	Infrared Thermometer	BENETECH	−50°C to 750°C	0.1°C	1
165	Infrared Thermometer	MATRIX	−32°C to 550°C	0.1°C	1
166	Digital Thermometer / K-Type Thermocouple	METARVI / HEAT PROCESS	−50°C to 1350°C / 30–800°C	0.1°C	1
167	Temperature Indicator with Sensor	ERSA	0–400°C	1°C	1
168	Temperature and Humidity Meter	HTC	−50°C to +70°C; 10–99% RH	0.1°C / 1% RH	2
169	Temperature and Humidity Meter	TEMPERATURE	−50°C to +70°C; 10–99% RH	—	1
170	Temperature and Humidity Meter	HTC	−10°C to +50°C; 10–95% RH	—	1
171	Torque Wrench	TORQUE MASTER	5–35 Nm	1 Nm	1
172	Digital Torque Wrench	ECLATORQ	3–60 Nm	0.01 Nm	1
173	Digital Torque Wrench	DELTA	1.5–30 Nm	0.01 Nm	1
174	Shore D Hardness Tester	HANDPI	0–100 Shore D	0.5 (verify)	1
175	Shore A Hardness Tester	HANDPI	0–100 Shore A	0.5 Shore A	1
176	Shore A Durometer	MGW PRECISION TOOLS	0–100 HA	0.5 HA	1
177	Hardness Tester	TESTWELL INSTRUMENTS	0–100 HA	—	1
178	Digital Sound Level Meter	CENTER	30–130 dB	0.1 dB	1
179	Digital Lux Meter	LUTRON	40,000 lux	—	1
180	Digital Light Meter	EQUINOX EQ-1301	0–50,000 lux	—	1
181	Muffel Furnace	SELEC	0–1000°C	1°C	1
182	Density Tester	UNLONG	310 g	0.005 g	1
183	Digital Timer	SCR	0–120 sec	1 sec	1
184	Push-Pull Gauge	IMADA	10 kgf	0.1 g (verify)	1
185	Melt Flow Index Tester	NEO 2.0	0–350°C	0.1°C	1

186	Surface Roughness Tester	MITUTOYO	2.90 and 0.37 µm	—	1
187	Coating Thickness Gauge	ELECOAT	0–2000 µm	0.1 / 1 µm	1
188	V-Block	Not specified	—	—	1
189	Bevel Protractor	KRISTEEL-SHINWA	0–360°	—	1
190	Bevel Protractor	MITUTOYO	0–360°	—	1
191	Standard Weights	INSIZE	1–200 g	—	1