

Master List of Special Instruments

Format Number AI/F/QC/03

Issued Date 4/5/2022

Revision Number 01

Sr No	Instrument Name	Make	ID No	Accuracy	Least Count	Range	Location	Frequency In Months		Calibration Status
1	Video Measuring Machine	Sipcon	AI-VMS-01	±0.002 mm	0.001 mm	150X100 mm	Standard Room	12 Months	244	Ok
2	Roughness Tester	Mitutoyo	AI-RT-01	±0.001 mm	0.001 mm	Ra 2.97 um & Rz 9.40 um	Standard Room	18 Months	167	Ok
3	Surface Plate	Jafuji	AI-SF-01	0.1 µm/m	-	1000X1000 mm	Standard Room	18 Months	167	Ok
4	V-Block	Crystal	AI-VB-01	0.0001in	-	40X40X50 mm	Standard Room	18 Months	167	Ok
5	V-Block	Crystal	AI-VB-02	0.0001in	-	40X40X50 mm	Standard Room	18 Months	167	Ok
6	Bench Center	Jafuji	AI-BC-01	-	-	500 mm	Standard Room	12 Months	245	Ok
7	Rockwell Hardness Tester	Saroj	AI-HT-01	0.50 Scale Unit	0.001HRC	-	Standard Room	12 Months	242	Ok
10	Height Gauge	Mitutoyo	AI-HG-01	±0.001mm	0.01mm	0-300 mm	Standard Room	18 Months	167	Ok
11	Air Gauge	Baker	AI-AG-01	±0.0001mm	0.0001mm	±0.040 mm	Standard Room	12 Months	258	Ok
13	Digital Temperature & Humidity Meter	HTC	AI-DTHM-01	-	0.10°C & 1% RH	-10°C to 70°C 10 to 99% RH	Standard Room	12 Months	244	Ok
14	Dial Lever gauge	Baker	AI-LDG-02	0.010mm	0.010mm	0-0.8 mm	Standard Room	12 Months	237	Ok
15	Digimatic Indicator	Mitutoyo	AI-DG-01	0.001mm	0.001mm	0-12.70 mm	Standard Room	12 Months	237	Ok
16	Digital Internal Caliper Gage	Insize	AI-DICG-01	±0.030mm	0.001mm	5-25 mm	Standard Room	12 Months	237	Ok
17	Air Gauge Master Plug 3.050mm	Baker	AI-AGMP-01	±0.03mm	-	-	Standard Room	12 Months	259	Ok
18	Ateq Leakage Tester	ATEQ	B338-1235	-	-	2 Bar, 150 LPH	Assembly Machine	12 Months	288	Ok
19	Ateq Leakage Tester	ATEQ	B338-1347	-	-	2 Bar, 150 LPH	Assembly Machine	12 Months	105	Ok