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Measurement & Metrology Lab

Sl. No.	Name of Machine/Equipment	Photo
1	Digital Micrometer (0-25 mm) Ball Point Type	 A digital micrometer with a black frame and a silver-colored sleeve, resting in its black carrying case. The digital display shows a reading of approximately 0.00 mm.
2	Optical Flat	 A circular, highly reflective optical flat, likely made of fused silica or quartz, resting on a wooden surface. The surface shows a clear, circular reflection of the surrounding environment.
3	Pocket Thickness Gauge (0-10 mm)	 A pocket thickness gauge with a blue plastic handle and a yellow circular dial. The dial has a black needle and markings, and the handle has a pink adjustment screw.
4	Combination Square Set	 A combination square set in its white carrying case. The set includes a blue square, a blue blade, and a blue level, all resting in their respective compartments.
5	Granite Comparator stand	 A granite comparator stand with a black base and a silver-colored vertical column. The stand has several adjustment knobs and a horizontal arm at the top.

6	Precision level	
7	Mechanical Comparator	
8	Slip Gauge Box Grade 2, 83 Pcs. Set	
9	Dial Gauge (0.001 mm)	
10	Feeler Gauge 20 Blades	
11	Sprit Level Displacement of 2.5 mm	

12	Profile Projector	 A profile projector is shown in a laboratory setting. It consists of a large, dark, circular table with a white base. A vertical column with a lens and a light source is mounted on top of the table. The background shows a white wall and a metal stand.
13	Vernier Height Gauge	 A vernier height gauge is shown standing on a wooden surface. It has a long, vertical, cylindrical body with a circular base. A vertical scale is attached to the side of the body, and a horizontal beam with a sliding vernier scale is mounted on top.
14	Vernier Depth gauge	 A vernier depth gauge is shown lying on a wooden surface. It has a long, vertical, cylindrical body with a circular base. A vertical scale is attached to the side of the body, and a horizontal beam with a sliding vernier scale is mounted on top.
15	Digital Micrometer (0-25 mm) Flat Type	 A digital micrometer is shown in its blue carrying case. The micrometer has a silver-colored frame and a digital display on the side. The case is open, and the micrometer is resting on a black foam insert.
16	Internal micrometer (50-200 mm)	 An internal micrometer is shown in its carrying case. The case is open, and the micrometer is resting on a black foam insert. The micrometer has a long, cylindrical body and a handle. The case is lined with black foam and contains several other components, including a small bottle of oil.

17	Vernier Caliper (0-200mm)	
18	Vernier Caliper (0-300mm)	
19	Screw Thread Micrometer (0-25 mm)	
20	Digital Tachometer	
22	Sine Bar	
23	Bore Dial Gauge	
24	Universal Bevel Protector	
27	Granite surface Plate	

28	Bourdon Tube Pressure Gauge	
29	Vibration Measurement Apparatus	
30	Strain Gauge Apparatus	
31	Temperature measurement apparatus	
32	Pressure Measurement apparatus	
33	Load Measurement apparatus	
34	Solar Photo Voltaic Cell Demonstrator	

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Piezo electric transducer
Apparatus

