






## MECHANICAL MEASUREMENTS LAB

S.No	Item Name	Model	Manufacturer	Usage	status	Picture
1	Vernier calipers	125MEA DIN 862 530-122	Starrett Metrica Mitutoyo	measuring outside and inside length of diameters (OD and ID), depth, and steps.	Working	
2	Dial Indicator Inside Bore Gage Set	07847	MiTech	<ul style="list-style-type: none"> <li>• For Internal Measurements</li> <li>• Changeable anvils for wide measuring ranges</li> <li>• Equipped with dial indicator</li> </ul>	working	
3	Gage Blocks	0087-2160	Accusize Industrial Tools	<p>a system for producing precision lengths. The individual gauge block is a metal or ceramic block that has been precision ground and lapped to a specific thickness. Gauge blocks come in sets of blocks with a range of standard lengths. In use, the blocks are stacked to make up a desired length (or height).</p> <p>An important feature of gauge blocks is that they can be joined together with very little dimensional uncertainty</p>	Working	
4	Digital vernier calipers	3747VEA-150 500-672	MIB-Messzeuge Mitutoyo	measuring outside and inside length of diameters (OD and ID), depth, and steps.	Working	
5	Mechanical Solid-Rod Inside Micrometer	124BZ	Starrett	Mechanical solid-rod inside micrometers use interchangeable rods to measure the inside dimension of holes, tubes, pipes, cylinders, rings and other parts.	Working	

6	Micrometer	378L50 75	MIB-Messzeuge	For accurate measurement of small distances.	Working	
7	Digital micrometer	H19	Metrica	For accurate measurement of small distances.	Working	
8	Double column height gauge	unknown	unknown	For accurate measurement of vertical distances and heights.	Not Working	
9	Microscope	TM-1005B	Mitutoyo	For accurate measurement of tiny distances which can not be noticed with bare eye	Working	
10	Precision trammel	48071	Metrica	ideal for transferring measurements, scribing arcs and drawing large circles. It accurately measures and marks distances beyond range of conventional compasses and dividers.	Working	
11	Pressure Gauge	GST24AL HPT2416 M1ZV	IndiaMART	calibration of pressure gauge	Working	
12	Load Cell	GST29AA TPH1203 R1Z7	IndiaMART	calibration of load cell	Working	