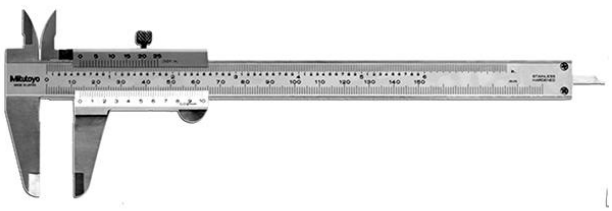
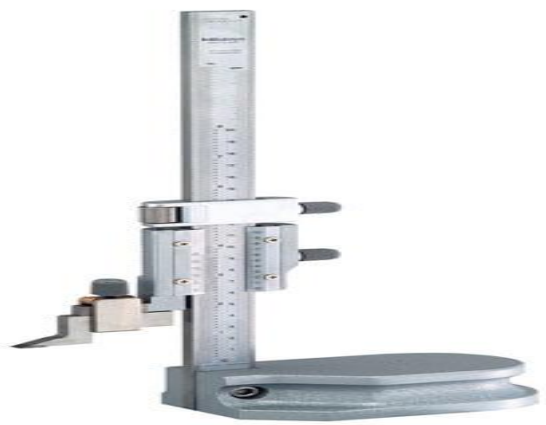
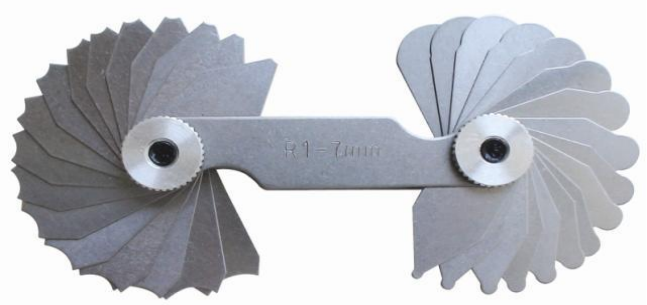
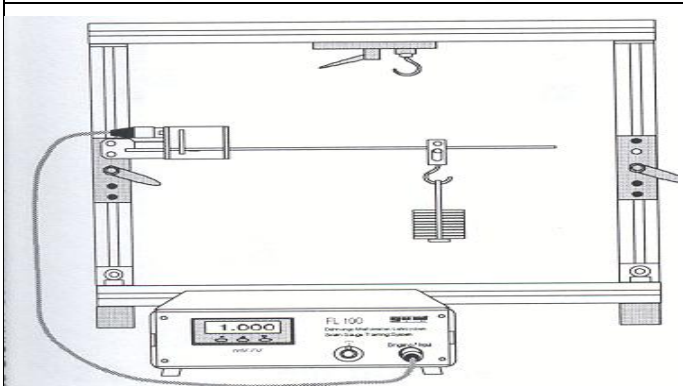
Metrology lab

E1027

	Device name : Vernier Caliper
	Function: a precision instrument that can be used to measure internal and external distances extremely accurately.
	Experiment name : linear measurements
	Device name : Height Gauge
	Function: a measuring device used either for determining the height of objects, or for marking of items to be worked on.
	Experiment name : linear measurements
	Device name : outside micrometer
	Function: a tool used for the precise measurement of very small objects. A micrometer can measure the length and thickness of whatever object fits between its anvil and spindle.
	Experiment name : linear measurements

	Device name : Depth gauge
	Function: a tool used for the precise measurement of the depth.
	Experiment name : linear measurements
	Device name : Universal Bevel Protractor
	Function: a measuring instrument, typically made of transparent plastic or glass, for measuring angles. Most protractors measure angles in degrees (°)
	Experiment name : Angular Measurements
	Device name : Combination Set
	Function: The combination set consists of scale, squaring-head, protractor and centre-head. It consists of a heavy scale, which is grooved all along its length. It is on this groove that sliding squaring head is fitted.
	Experiment name : Angular

	Device name :telescoping gauges
	Function: a measuring tool with spring-loaded plunges used together with a micrometer to measure the inside of holes or bores. Telescoping gauges are made insets to measure from small to very large bores.
	Experiment name :Standard gauges
	Device name :Thread Gauge
	Function: These gauges are used to measure screw threads and calibrate gauges.
	Experiment name :Standard gauges
	Device name :Radius Gauge
	Function: These gauges are used to measure the radiuses for any part of a circle.
	Experiment name :Standard gauges

	Device name :feeler Gauge
	Function: These gauges are used to measure the clearance between any parts of a machine.
	Experiment name :Standard gauges
	Device name : Block gauges
	Function: Blocks of metal that have been crafted with extreme precision to exact lengths of units of measure, used for linear measurement.
	Experiment name : Block gauges
	Device name : Strain gauge technology
	Function: To achieve the experimental stress analysis of components under simple mechanical load situations, that is for tension/compression, bending and torsion.
	Experiment name : Strain Gauges