

UME-01 Measuring of the basic constants

- √ Dimensions; length, radius, thickness, curvature
- √ Mass
- √ Time

Analog Dial Calipers

6 inch analog caliper, 0-150mm.



Digital Calipers

6 inch digital caliper, with four button control. Range 0-150mm , 6 inch



Precision Spherometer

surfaces, for example, lenses.

The device consists of a tripod with three steel tips which form an equilateral triangle. A micrometer screw with a measuring tip is recessed in the middle. Attached to the micrometer screw is a disc with circular...



Measuring Tape, 3 m

Made of spring band steel, with locking button and recoil spring.

Length: 3 m / 118 inch

Scales: cm, mm / 1/32 inch



Lever

Used to study mechanical leverage and balance. A movable fulcrum can slide along and be fastened on any point of a 50cm meter stick. Various weights can then be applied to balance the system and to study leverage systems. Consists of a 50cm meter stick, stand, three knife edge clamps, one 50 gram hooked weight and one 100 gram hooked weight.

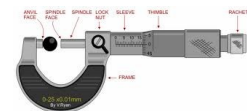


Balance

With weights



Micrometer



Time Measurement

Using simple pendulum and light barrier as input for a counter .

