

COMMERCIAL EQUIPMENTS

Material Testing

Universal Testing Machine



Aimil Universal Testing Machine is designed for testing metals under tension, compression, bending, transverse and shear load, both in the form of test pieces and as finished product.

The Impact testers are designed to determine the strength of a sample under impact load. This strength determines performance characteristics of the material under impact loading conditions. Interchangeable pendulums and specimen holders are used to measure the impact resistance of a variety of materials. Suitable for conducting both the Izod & Charpy Tests.

Torsion Testing Machine



The Machine is designed to perform Torsion Tests that are done on materials to determine properties such as the modulus of elasticity in shear, the torsion yield strength & the modulus of rupture.

Brinell Rockwell Hardness



Brinell Rockwell Hardness tester is designed to conduct Brinell & rockwell hardness test on metallic materials alloys of all types hard & soft & of all shapes. Accuracy confirms to IS: 1586-2000 (2006)

Crushing Strength of Iron Ore



This Machine is a geared machine of 10KN capacity with the capability to apply load at a uniform rate of 15 ± 5 mm/minute. The machine is supplied with a 10KN load cell for the measurement of load, a Load indicator with facilities for displaying the load, for holding the displayed value at the peak load value & for automatically switching the machine off at the maximum or breaking load.

Pendulum Impact Tester

