

STRENGTH OF MATERIALS LABORATORY

1. IZOD IMPACT TESTING MACHINE
2. TORSION TESTING MACHINE
3. UNIVERSAL TESTING MACHINE
4. BRINELL HARDNESS TESTING MACHINES
5. ROCKWELL HARDNESS TESTING MACHINE
6. MECHANICAL EXTENSOMETER
7. COMPRESSOMETER



Introduction:

Pendulum impact tester serve for determining the impact strength of notched and unnotched metal bars of different sections and different lengths according to the charpy (Beam) method. The machine is meant for making charpy, Izod and tension impact tests. The Pendulum Impact Tester is designed conducting CHARPY IZOD and IMPACT TENSION Test. The impact energy absorbed by the specimen during rupture is measured as the difference between the height of drop before rupture and the height of rise after rupture of the test specimen and is read on the dial scale.



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