

Product Name :
Materials Laboratory with Data Capture

Product Code :
ENGLABINGCAG920001



Description :

Materials Laboratory with Data Capture

Technical Specification :

A hydraulic tensile and Brinell hardness testing machine. The machine tests any suitably shaped specimens of various materials. The material must not exceed the maximum strength or hardness limits.

The main parts of the equipment are:

A load frame

A display unit with a digital display of force

A ball indenter for Brinell hardness tests

An extensometer with a digital display for tensile tests

The load frame is mounted on adjustable legs. To apply loads, students pump a handle connected to a hydraulic pump. The display unit shows force and works as an interface to send data to a suitable computer.

The extensometer has a digital display of extension and connects to the display unit for data capture.

