

**Product Name :**  
Semi-Automatic Compression Testing Machine

**Product Code :**  
ENGLABINGCAG360010



**Description :**

Semi-Automatic Compression Testing Machine

**Technical Specification :**

Pumping Unit : We provide single and double speed pump facilitates rapid approach of the platens for daylight closure and also provides comprehensive control over the application of load.

Motor : We provide dual pump power driven an AC motor 220 V (110 V), 50-60 Hz single phase and 0.55 kW

Touch Screen HMI:

Peak Load, Peak Stress, Unique Record No. is displayed

Menu Driven Sample Details

Data Download thru RS232

Peak stress calculation based on sample type and shape

Time in Second

Result in kg/cm<sup>2</sup>, N/mm<sup>2</sup>

Pace rate kN/Sec

Easy to operated

Start, Stop, Pause &Reset

Touch Screen Keyboard

You can view in HMI

Actual Load, Peak Load

Total area of sample and sample number also.

Capacity : 1000, 2000 and 3000kN 1000, 2000 and 3000kN

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#### Load Frame Specifications:

A fully welded loading frame comes with a top crosshead, base and solid side walls with the precision ground hydraulic piston fixed to the base of the machine.

Also, the machine is super empowering for it works by using rapid approach pump that allows the fast approach of platens, for daylight closure and also allows automatic, precise control over the load application.

There is also a display of pace rate bar which gives timely feedback to the operator on the loading rate.

Distance pieces, and also removable transparent front-rear safety doors.

The main characteristics are:

High stability welded assembly

Distance pieces and safety door included

Ball seating assembly and frame tested for stability

Piston stroke with safety limit switch

Platen hardness of min 55 HRC



## Engineering Lab Equipment India