

## TM 232 CHARPY IMPACT TESTING MACHINE, 25/50 J



### GENERAL DESCRIPTION

The impact testing machine is designed for determination of resistance to fracture of materials by charpy test based on DIN51222.

The machine is constructed with a heavy base and support columns. The pendulum is hung on ball bearings. A pendulum brake and safety guard are also provided.

Instruction manual is also included.

### EXPERIMENT CAPABILITIES

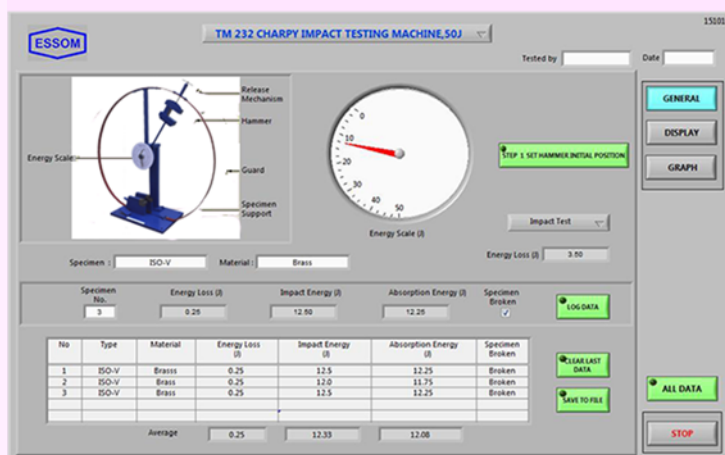
- Determination of notched bar impact work.
- Determination of notched bar impact strength.
- Influence of notch form on impact work.
- Influence of materials heat treatment, and temperature on impact work.

### TECHNICAL DATA

- Capacity : 25 and 50 Joules
- Scale graduation : 0.25 and 0.5 Joule .
- Lift angle of hammer : 145°
- Striking velocity : 3.825 m/s
- Software for data display and analysis by computer (separately supplied).

### OPTIONAL ACCESSORIES AND SPECIMENS

- TM 232-005 Specimens (pack of 5).
- TM 232-050 Computer Interface  
Sensors with computer interface unit for key data acquisition instead of key data measuring instruments.  
This includes angular sensor and computer interface unit.



**Net (unpacked) shipping dimensions WxLxH** : 40 x 65 x 120 cm  
**Net weight** : Approx. 171 kg