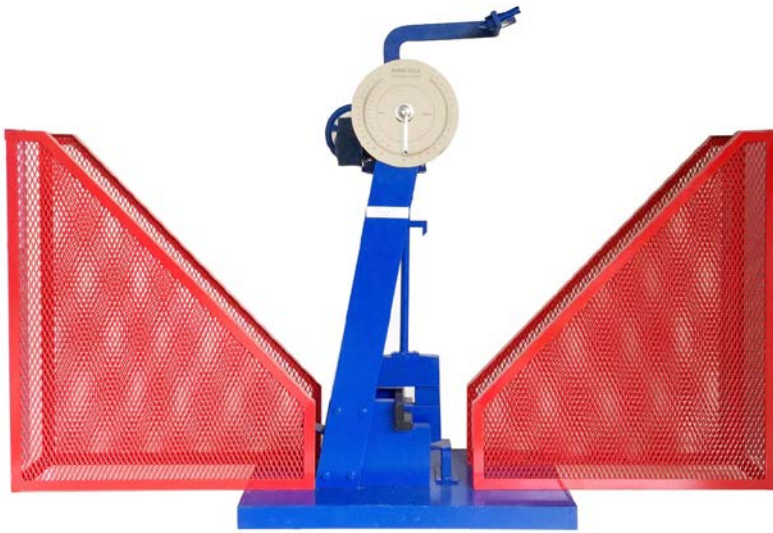


TM 235 CHARPY IMPACT TESTING MACHINE, 150/300 J



GENERAL DESCRIPTION

The impact testing machine is for determination of resistance to fracture of materials by charpy test based on DIN50115 and DIN51222.

The machine is constructed with a heavy base and support columns. The pendulum is hung on ball bearings. Manual lifting of hammer is by worm gear speed reducer. Hammer weight can be reduced for lower capacity with smaller graduation. A pendulum mechanical brake and safety guard are also provided.

TYPICAL TESTS

- 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 : 150 and 300 Joules.
- Scale graduation : 1 and 2 Joule.
- Lift angle of hammer : 145°.
- Striking velocity : 5.378 m/sec.

OPTIONAL ITEM

- Specimen : ISO-U, ISO-V
- TM 235-012 Eddy current brake.
- TM 235-050 Computer Interface

This includes sensor without indicator, computer interface unit, and software for data display and analysis by computer (separately supplied).



Net (unpacked) shipping dimensions WxLxH : 60 x 95 x 140 cm
 Net weight : Approx. 450 kg