IMPACT TEST, 15J

RS 031

Description:

Charpy impact test is one of the standard methods of determining the fracture energy of metals. If the time of load exertion is more than three times as much as the natural frequency of the part, that load is called static, and if it is less than half of the natural frequency, it is called impact load. The purpose of impact experiment is determining the energy required to break . This machine consists of a scaled pendulum which hits the specimen while moving. The pendulum height difference is the energy absorbed by the specimen, which is usually defined as energy per unit surface.

Specificatins:

- Pendulum design based on impact center
- Hammer release lever and safety lever
- Scale with drag pointer
- Notched bar impact specimen
- Hammer fixing
- Different V-Notch specimens
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Determining the resistance of metals against impact
2. Estimation and classification of brittle fracture behavior
3. Assessing the features of fracture cross section

Required For Operation:

- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm: 320 x 180 x 700