



Information about product price on demand

Parameters

Quantitative unit

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GUNT WP-400 Impact Test 25Nm

Sophisticated testing machine used to measure the impact bending strength of materials, commonly used in educational and research labs.

The device operates using a pendulum hammer mechanism and provides accurate and reproducible results.

It helps students and researchers analyze material behavior under impact loading conditions.

Technical Data & Specifications:

- **Impact Energy:** 25 Nm
- **Pendulum Weight:** 3.5 kg
- **Frame Weight:** approx. 45 kg
- **Frame Dimensions:** 600 x 400 x 900 mm
- **Pendulum Length:** 1000 mm
- **Test Force Range:** 0-25 Nm
- **Materials Tested:** Metals, plastics, composites
- **Operation:** Manual release mechanism for pendulum
- **Power Supply:** 230V, 50Hz (60Hz optional)
- **Calibration:** Includes a calibration tool for precise readings
- **Test Mechanism:** Pendulum hammer for material impact testing
- **Safety:** Equipped with protective shield for user safety during operation

Functions:

- Measures impact bending strength of various materials with high precision.
- Ideal for mechanical and materials engineering applications.
- Suitable for use in universities, colleges, and research facilities to teach and study material testing methods.
- Pendulum-based system allows for controlled, repeatable testing under various energy conditions.
- Offers manual control for pendulum release and allows fine-tuning of the test conditions.

Items Included:

- Impact Test Unit with Hammer
- Calibration Tool
- Protective Shield
- User Manual

Required for Operation:

WP 400.50 Safety cage for pendulum impact tester (sold separately)