



Test Capacity and Dimensions

- **Maximum Load Capacity:** 1000 kN (1000 metric tons)
- **Maximum Distance Between Jaws:** 630 mm
- **Compression Platen Size:** 200 x 200 mm

Structure and Clamping

- Stable and reliable high-intensity structure with 4 columns and 2 screws
- Oil-hydraulic automatic clamping, operable via computer

Test Types

- Suitable for tension, compression, bending, shearing, and other mechanical tests

Computerized Control System

- Microcomputer control with electro-hydraulic servo system
- **Computer System Specs:**
 - Operating System: Windows 11
 - RAM: 16 GB
 - ROM: 1 TB

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Graphics Card: GTX-1050
- **Measurement Specifications:**
 - Displacement Resolution: 0.01 mm
 - Displacement Accuracy: $\pm 0.5\%$
 - Deformation Resolution: 0.001 mm
- **Power Supply:** AC 220V $\pm 10\%$, 50 Hz

Standards Compliance

Manufactured in accordance with international standards:

- EN 10002-2
- ASTM E4
- ISO 7500-1
- DIN 51221
- BS 1610

Application

Suitable for a wide range of static and quasi-static tests, including low-frequency fatigue tests on various materials and components.

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