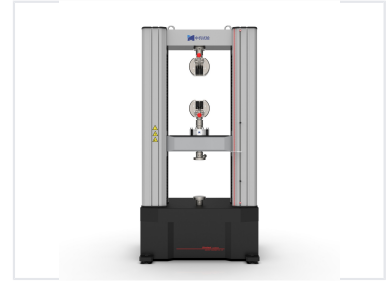


High Precision Universal Testing Machine for Biomedical Industry

This high-precision electronic universal testing machine is designed for the biomedical industry. It performs a wide range of mechanical tests, including tensile, compression, flexural, and shear tests.



Product Overview

High Precision Universal Testing Machine

This electronic universal testing machine is engineered for unparalleled accuracy and reliability in mechanical testing environments. Designed to comply with GB, ASTM, and ISO industry standards, it supports a wide array of testing protocols including tensile, compression, bending, shear, peeling, and tearing. It is an essential tool for evaluating mechanical properties such as elastic modulus, yield strength, and elongation at break across diverse sectors like biomedicine, aerospace, and advanced materials.

Testing Capabilities

Calculated Parameters

- Maximum test force
- Tensile strength
- Bending strength
- Compressive strength
- Elastic modulus
- Elongation at break
- Yield strength

Supported Mechanical Tests

Tensile, Compression, Bending, Shear, Peeling, Tearing

Industry Applications

Industries Served

Biomedicine • Microelectronics • Automotive • Aviation • Textiles • Polymers

Suitable Materials

- High strength metals
- Advanced composite materials
- Structural parts
- Bolts and fasteners
- Rubber
- Adhesives

Compliance

Standards Compliance

GB, ASTM, ISO