

Single Column Tensile Testing Machine

This single-column tensile testing machine performs tensile, peeling, compression, bending, and shear tests on materials. It is suitable for testing metals, plastics, rubber, textiles, and other materials to assess their mechanical performance.



Overview

Precision Material Testing Solution

This single-column tensile testing machine is a versatile, high-precision instrument designed for comprehensive mechanical performance analysis. It supports a wide range of tests including tensile, peeling, compression, bending, and anti-shear for diverse materials such as metals, rubber, plastics, and textiles. Featuring a robust aluminum alloy frame and high-precision ball screws, it ensures reliable and repeatable measurement results for quality control and research applications.

Performance

Key Performance Metrics

100 kg

Maximum Load Capacity

600 W

Power Consumption

900 mm

Test Space

Operating Speed

50 ~ 500 mm/min

Technical Details

Power Requirements

Single-phase 220V 50Hz

Machine Dimensions

560mm x 420mm x 1400mm

Net Weight

100 kg

Features

Supported Test Types

- Tensile
- Peeling
- Compression
- Bending
- Anti-shear
- Three-point bending

Safety Systems

Upper Limit Protection • Lower Limit Protection

Certifications & Standards

CE, ISO 9001:2000, SGS