

# Horizontal Tensile Strength Testing Machine

This precision horizontal testing machine features a frame structure and adheres to national standards. Designed for convenient use, it accurately measures material properties with a testing precision of  $\pm 1\%$ .



## Product Overview

### Industrial Precision Tensile Testing

This horizontal tensile testing machine features a robust frame structure engineered for high-precision material validation with an accuracy rating within  $\pm 1\%$ . Designed for professional safety and quality control environments, it integrates seamlessly with computer systems for real-time testing visualization and data export. The system is equipped with advanced safety features, including anti-impulse protection and leakage circuit breakers, making it an essential tool for high-capacity load testing applications.

## Technical Specifications

### Testing Capacity Range

**0.5 t**

Minimum Capacity

**500 t**

Maximum Capacity

### Sample Length Capacity

12 m

### Testing Accuracy

$d \pm 1\%$

## Features

### Key Capabilities

- Computerized testing process monitoring and curve analysis
- USB data export for result printing
- Electric control single-rod piston cylinder
- Pre-pulling function
- Real-time load sensor force indication

## Safety & Compliance

### Safety Equipment

Anti-impulse protection, Earth leakage circuit breaker, Load sensor monitoring, National Standard Compliant

## Applications

### Suitable Applications

- Lifting slings
- Cargo lashing
- Safety belts
- Chains
- Steel wire rope
- Shackles
- Hooks