

Computer Servo Universal Material Testing Machine

This desktop computer servo testing machine combines electronic technology and mechanical transmission for material testing. It accurately measures load speed and force, and controls displacement.



Overview

Professional Universal Testing Solution

This Computer Servo Universal Material Testing Machine is a highly versatile precision instrument designed for comprehensive mechanical analysis. It supports a wide array of test types including tension, compression, tear, and peel tests across diverse materials ranging from rubber and plastics to textiles and wire. Engineered for accuracy and safety, it features microcomputer-controlled processes with real-time data analysis and reporting capabilities for industrial quality management.

Key Features

Integrated Protections

Limit Protection • Overload Protection • Emergency Stop

Commonly Used In

Wire and Cable, Rubber and Plastics, Medical Equipment, Textiles and Leather, Electronics, Research Laboratories, Auto Parts

Technical Specifications

Performance Metrics

500 mm

Effective Tensile Stroke

0.4 kW

Power Rating

75 kg

Machine Weight

Operating Parameters

Parameter	Details
Testing Speed	0.001 - 500 mm/min
Power Supply	220V, 50Hz
Dimensions	45 x 58 x 135 cm
Force Units	KG, N, LB, TON