

# Universal Testing Machine for Tensile and Compression

This universal testing machine is designed for both tensile and compression testing. It features a vertical frame, moving crosshead, load cell, extensometer and computer interface for material characterization, data acquisition and analysis.



## Product Overview

### Universal Testing Machine

This universal testing machine is engineered for precise material characterization through comprehensive tensile and compression testing. Featuring a robust vertical frame with a moving crosshead, the system integrates advanced load cells and extensometers to ensure accurate data acquisition. Designed for professional use in quality control and research environments, it includes a dedicated computer interface and analysis software.

## Technical Features

### Core Functionality

- Tensile testing
- Compression testing
- Material characterization

### Frame Design

Vertical frame with moving crosshead

### Integrated Sensors

Load cell, Extensometer

## System Integration

### Software & Interface

Computer interface • Data acquisition • Analysis software

## Application

### Recommended Use

- Quality control
- Research applications