

# Wood-Based Panel Universal Testing Machine

This universal testing machine is designed for testing wood-based panels using tensile, compression, and bending methods. The machine features a manual rotation wheel that drives the chuck for accurate and reliable testing.



## ADDITIONAL IMAGES



## Product Overview

### Professional Wood-Based Panel Testing

The MWD-10B is a specialized universal testing machine engineered for the precise evaluation of wood-based panels and plywood. It utilizes a reliable manual rotation wheel system to perform critical quality assurance tasks, including tensile, compression, and flexural strength tests. This versatile unit is an essential tool for manufacturers and quality inspection departments seeking accurate data on elastic modulus, bond strength, and structural integrity.

## Technical Specifications

### Maximum Test Force

**10000 N**

Maximum Force

### Testing Range

0.4-10 kN

### Effective Test Width

400 mm

## Operational Details

### Display and Control

- Large LCD real-time display
- Peak hold function
- Manual operation

### Loading Method

Manual rotation wheel

## Physical and Power

Host Dimensions	520 x 450 x 1000 mm
Net Weight	100 kg
Power Voltage	220V ± 10%

## Supported Tests

Available Testing Applications	Tensile strength, Compressive strength, Flexural strength, Bending strength, Elastic modulus, Internal bond strength, Surface bonding strength, Plywood shear tests
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