Innotech Engineering Devices Pvt Ltd

50 kN SERVO UNIVERSAL TESTING MACHINE

Computerized High-Precision Material Testing System

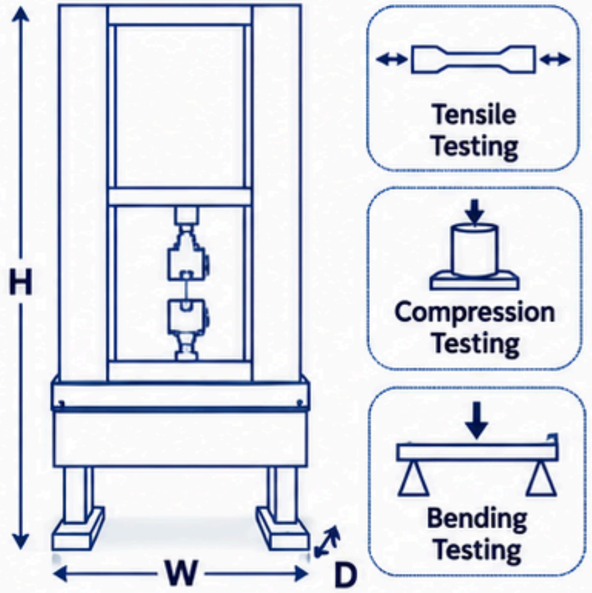


TECHNICAL SPECIFICATIONS

Testing Capacity	50 kN (50,000 N)
Control System	Servo Motor Based Closed-Loop Control
Load Measurement	High Accuracy Load Cell
Data Acquisition	Computerized with Test Software

KEY FEATURES

- 50 kN Load Capacity for Versatile Testing
- Servo Controlled, High Precision & Smooth Operation
- Tension, Compression & Bending Testing
- Real-Time Data Acquisition & Analysis
- High Accuracy, Repeatability & Reliability
- User-Friendly Software with Report Generation



Machine Blueprint (Typical View)

WORKING PRINCIPLE

Apply Load (Servo Control) → Measure & Acquire Data (Load, Displacement, Strain) → Analyze Results & Generate Report

Ideal for testing metals, plastics, polymers, composites & other engineering materials.

KEY APPLICATIONS

- Metals & Alloys
- Plastics & Polymers
- Composites
- Construction Materials
- R&D & Quality Control

www.innotechgroup.net | info@innotechgroup.net | +91 9810431604 | Bhiwadi, Rajasthan, India