Innotech Engineering Devices Pvt Ltd

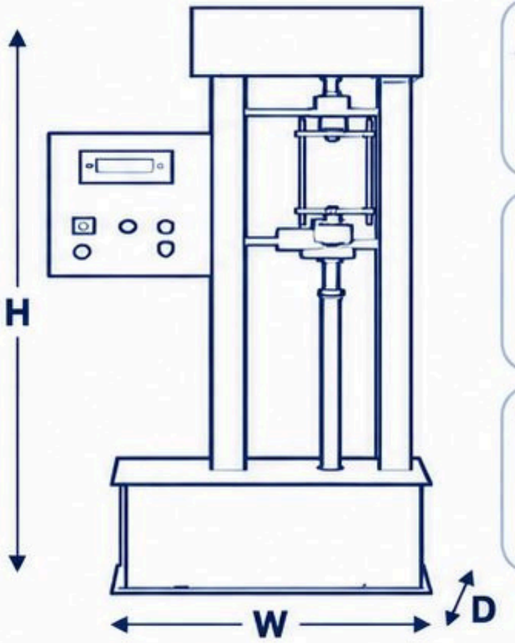
Digital Tensile Strength Testing Machine

Accurate, Reliable & Easy-to-Use Material Testing Solution



TECHNICAL SPECIFICATIONS

Testing Capacity	Customized as per customer requirement
Display	Digital (LCD / LED)
Control System	Microprocessor / PLC Based
Test Space (H × W)	Customized as per customer requirement



Machine Blueprint (Typical View)



KEY FEATURES

- ✓ Digital Display for Direct Test Readings
- ✓ Accurate Tensile, Compression & Elongation Testing
- ✓ High Precision Load Measurement
- ✓ Robust & Rigid Load Frame
- ✓ User-Friendly Operation
- ✓ Low Maintenance & Long Service Life
- ✓ Suitable for Various Materials & Standards

WORKING PRINCIPLE

Fix the Test Specimen in Grips → Apply Gradual Load → Measure Load & Elongation Digitally → Display & Record Test Results

KEY APPLICATIONS

Metals & Alloys | Plastics & Polymers | Composites | Textiles & Fabrics | Rubber & Other Materials

Ideal for quality control, R&D and material characterization in industries and laboratories.

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