Innotech Engineering Devices Pvt Ltd

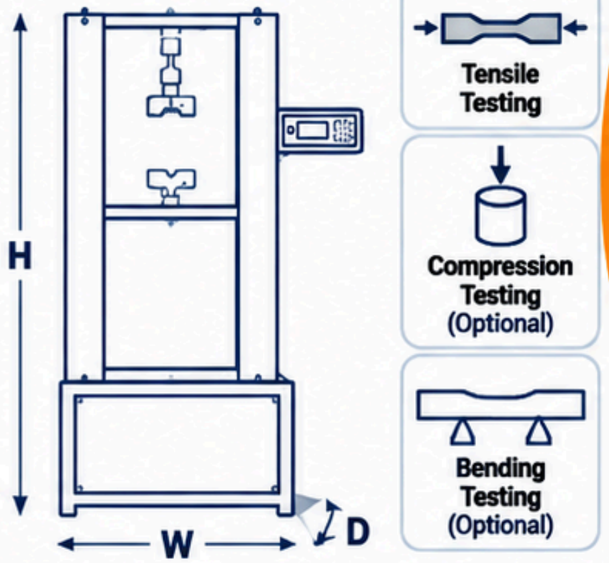
Computerized Servo Controlled Tensile Testing Machine

Precision, Reliability & Advanced Material Testing Solution



TECHNICAL SPECIFICATIONS

Testing Capacity	As per requirement (e.g. 1 kN to 100 kN)
Control System	Servo Controlled (Closed Loop)
Drive System	AC Servo Motor & Drive
Display	Computerized (PC Based)
Test Modes	Tension, Compression & Elongation
Test Space (H × W)	Customized as per customer requirement



Machine Blueprint (Typical View)

KEY FEATURES

- Servo Controlled for High Accuracy & Repeatability
- Computerized Control with User-Friendly Software
- Precise Load, Displacement & Elongation Measurement
- Real-Time Data Acquisition, Graph & Test Report
- Rigid & Robust Frame Construction
- Suitable for Various Materials & Standards

WORKING PRINCIPLE

Apply Test Load (Servo Controlled) → Measure Load, Displacement & Elongation → Acquire & Analyze Data (Computerized) → Generate Test Report with Graphs)

KEY APPLICATIONS

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

Ideal for tensile, compression and material characterization in R&D, quality control and production.

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