



## Tensile Testing Machine Digital

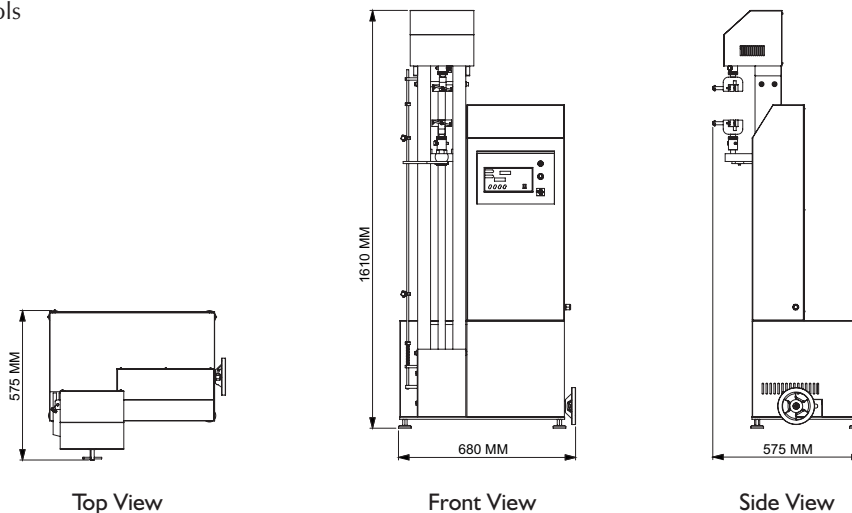


Model No. TTM-5 (as per capacity)

REGISTERED DESIGN NO. : 252611

**Tensile Testing Machine Digital cum computerised** is a consistent tool that helps the manufacturer in testing the breaking, tensile and compression strength of various materials, components and finished products. It is based on the principle of Constant rate of Traverse (CRT). PRESTO Tensile Testing Machine Digital is manufactured under various test standards such as ASTM D412, ASTM D429-73, ASTM D624, ATM D638-01, ASTM D76, IS 13360-5-7, IS 3400(Part1-1987).

- Advanced load sensor sensing through advanced electronics.
- Highly sensitive load sensor with linearity feature and repeatability
- Cross head travel length: 700mm grip to grip ( with standard vice type grip)
- Single column rugged structure
- Safety limit switches for over travel safety
- Hardened lead screws for frictionless movement
- Load cell calibrated by NABL approved proving ring/dynamometers
- Highly accurate micro-controller based system controls
- Peak Hold facility available (Max. value save in memory)
- Bright LED display
- Immediate analysis of results after test with complete accuracy & precision
- Feather touch controls





# Presto Stantest Pvt. Ltd.

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Reliable and user friendly software in various industries like rubber, plastics, automotive, polymers, textiles, R&D labs, production, material testing. A comprehensive Universal testing solution, PRESTO tensile testing machine Digital is a one stop solution for studying tensile properties of various products.

## Key Specifications:

Display	Digital (LED)
Power	220V, Single / Three phase, 50 Hz
Accuracy	± 2% at full range (with master load)
Speed	100 mm/min and 200 mm/min (Changeable through Belt & Pulley mechanism)
Grip to Grip Separation	Min 25mm and Max. 700mm (applicable only with vice type standard grip)
Communication port	RS 232

## Highlights:

Safety	Yes (Limit Switches)
Grippers (optional added based on requirement)	<ul style="list-style-type: none"> <li>• Vice T type (Standard grippers)</li> <li>• Flexural</li> <li>• Compression Plate</li> <li>• Wedge T type</li> <li>• Roll T type</li> </ul>
Material	Mild Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zincplating for corrosion resistant finish

## Optional :

Grippers for different test material also available.



Self Tighting grip    Wedge Type grip    Vice Type grip    Compression Plate    Flexural    Roller Type Grip

## Optional Features:

- Specially designed gripper jaws for holding fragile samples.
- Other capacity available as per requirement.
- Wintest one way communication software.
- Graph of Force vs Elongation
- Easy Data management. User can create product Identification, Sample ID, Shape of Specimen, Company Name, operator details etc.
- Over Travel Auto cut off facility.
- AC Speed drive as an optional accessory (Variable Test Speed)

## Capacities Available

Capacities (Kg.)	Least Count
5	1gm
10	1gm
20	2gm
50	5gm
100	10gm
250	100gm
500	200gm
1000	500gm
2500	1kg
5000	2kg
10000	5kg

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