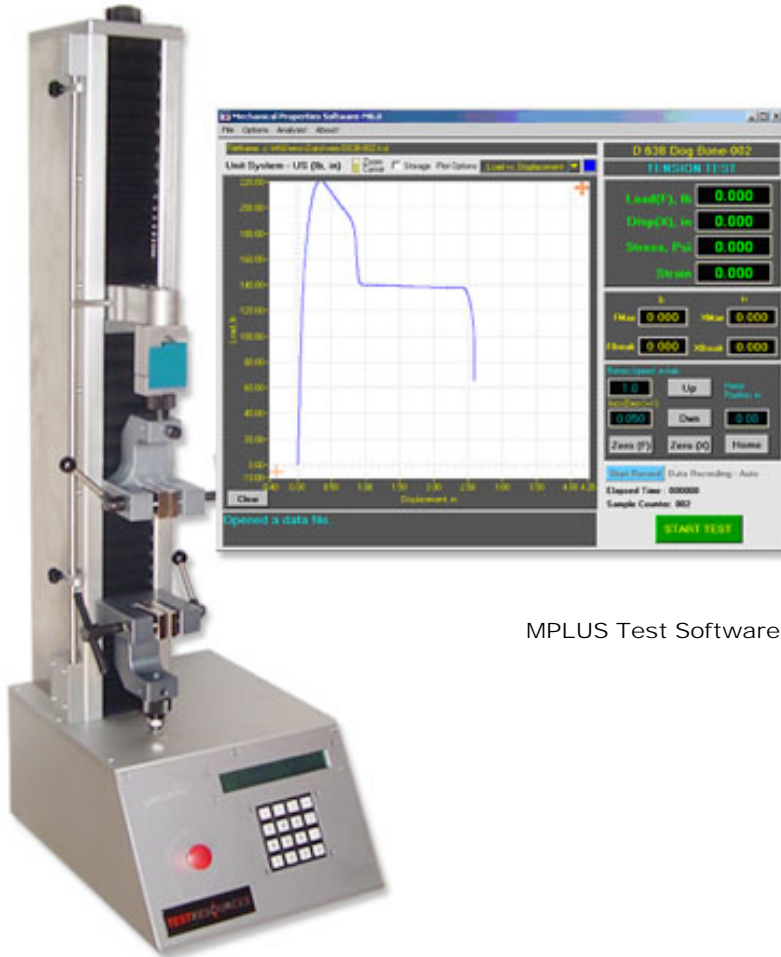


Single Column Electromechanical Test Machines

Tension & Compression

Force Ratings to 1650 lb (7.3 kN)

Standalone & **Optional Software**



MPLUS Test Software



Extended Travel

Choices & Options

- **Travel** – 21” or 44”
- **Force Capacities** – 300lb, 650 lb, 1125 lb, and 1650 lb
- **Standalone or PC based** with Test Software
- **Load Cell** – many to choose from - full scale rating
- **Testing Accessories** – grips, fixtures, chambers and engineered solutions

M Controller * Standalone or PC Based * Multiple Segments * Cyclic Mode

The M controller is capable of standalone mode or PC based testing. The standalone mode produces a single ramp constant test speed or constant test load.

The hardware includes an optional strain channel and features live data access to and from the controller via RS232 Serial port.

The display features large sized live load and position readout and a keypad for operator input.

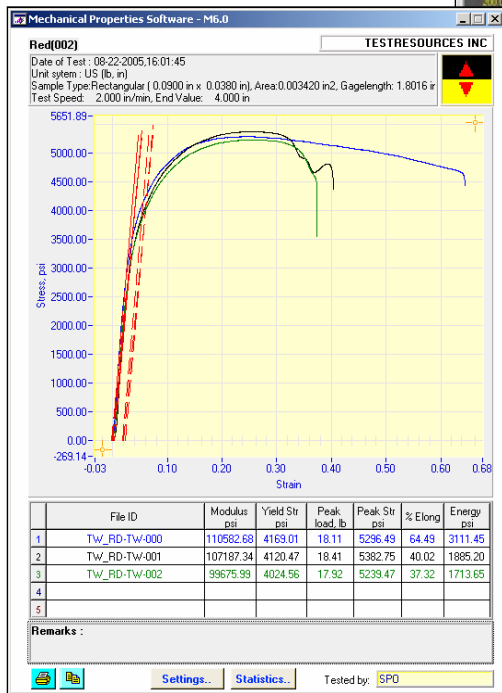
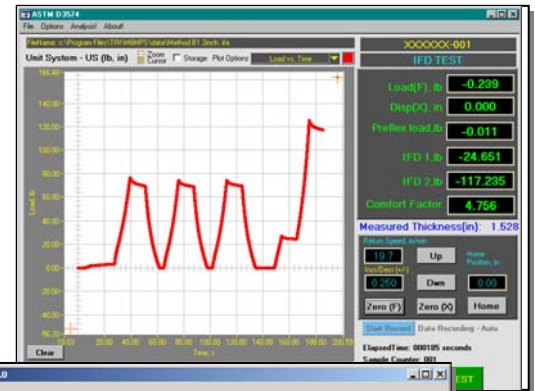
M Standalone controls serve single ramp - pull to failure tests where peak load and displacement at break information is needed. The test data is displayed automatically at the end of the test.



MPLUS Test Software

The MPLUS optional software takes advantage of the controllers open RS232 Serial port to capture real time data or interact with the controller. MPLUS plots the test results and data in real time, stores it for later recall and enables the user to export it to Excel for further analysis.

MPLUS is suited to serve many standard tests, including those that require sequenced multiple segment ramps. The software captures and plots the stress – strain curve in real time, using either the machine displacement sensor or an optional extensometer.



Configurations and Specifications

650M Single Column Machines

Model	650M300	650M	650M44
Max Load	300 lb (1.35 kN)	675 lb (3 kN)	675 lb (3 kN)
Max Speed	36 ipm (900 mm/m)	20 ipm (500 mm/m)	20 ipm (500 mm/m)
Travel Max	21 in (525 mm)	21 in (525 mm)	44 in (1100 mm)
Load Accuracy	+/- 0.5% of reading to 1/200 of load cell -- Per ASTM E4, BS EN ISO 7500-1: 2004		
Clearance	65 mm (2.7")		
Footprint	12" x 12"		

1000M Single Column Machines

Model	1000M	1000M1650	1000M44
Max Load	1125 lb (5 kN)	1650 lb (7.3 kN)	1125 lb (5 kN)*
Max Speed	20 ipm (500 mm/m)	7 ipm (175 mm/m)	20 ipm (500 mm/m)
Travel Max	21 in (525 mm)	21 in (525 mm)	44 in (1100 mm)
Load Accuracy	+/- 0.5% of reading to 1/200 of load cell -- Per ASTM E4, BS EN ISO 7500-1: 2004		
Clearance	65 mm (2.7")		
Footprint	12" x 12"		

Note* - confirm application loading prior to order for approval