

# MARK-10

## TSC/ST

- TENSION & COMPRESSION
- CAPACITY: 1000 lbf/500 kgf/5000 N
- DIGITAL FORCE & TRAVEL DISPLAY
- PRECISION HANDWHEEL DRIVE
- FORCE TESTING SOFTWARE
- ECONOMICAL PRICE



**TSC/ST**  
Manual Handwheel Test Stand

Made in America, the TSC/ST Spring Tester provides tension and compression testing to 1000 lbf / 500 kgf / 5000 N with precise handwheel and worm drive elevating mechanism for gradual repeatable force application.

Force data is displayed by a selection of digital force gauges - basic and advanced - providing computer output and many other features.

Travel data is displayed by a digital travel display with computer output.

MESURgauge force testing software provides easy set up and user friendly data logging and graphing of force vs. distance for spring testing.

### CONSTRUCTION

- Rugged and exceptionally rigid extruded aluminum columns.
- Column length of 24" [610 mm], other lengths available.
- Removable platen with pattern of 25 #10-32 threaded holes.
- Maximum vertical clearance: approx. 14" [356 mm] depending on gauge.
- Maximum vertical travel 3.5" [89 mm].
- Maximum horizontal clearance 3" [76 mm].
- Travel rate: 0.1" [2.5 mm] per handwheel revolution.

### OPERATION

- Precise handwheel tension and compression testing.
- Compression testing with 2" [50 mm] diameter plate.
- Tension testing with force gauge and test stand hooks.

### ACCESSORIES

- 2" [50 mm] diameter compression platen, medium and large hooks, force gauge mounting and tool kit.

### WEIGHT & DIMENSIONS

- 25 lb [11.4 kg]
- 25" [635 mm] H x 6" [152 mm] W x 7.75" [197 mm] D

MODEL	DESCRIPTION	PRICE
TSC/ST-100	Manual Spring Tester 2 - 100 lbf	\$3020*
TSC/ST-200/500	Manual Spring Tester 200 or 500 lbf	3170**
TSC/ST-1000	Manual Spring Tester 1000 lbf	3520***
TSC001	Digital Travel Display - for TSC	650
MRS100A	Communication Adapter - TSC001 to PC	265

\* Includes test stand, travel display and choice of M5-2 - 100.

\*\* Includes test stand, travel display and M5-200 or M5-500.

\*\*\* Includes test stand, travel display and CG 1000.

MODEL	FORCE GAUGES	PRICE
M5-XXX	Mark-10 Digital Force Gauge 2 - 100 lbf/1 - 50 kgf/10 - 500 N	\$995*
M5-200	Mark-10 Digital Force Gauge 200 lbf/100 kgf/1000 N	1145*
M5-500	Mark-10 Digital Force Gauge 500 lbf/250 kgf/2500 N	1145*
09-1163	Cable, RS232, M5 to PC	75
09-1165	Cable, USB, M5 to PC - Replacement	30**
CG 1000	Digital Force Gauge 1,000 lbf/500 kgf/5000 N	1495
09-1048A	Cable, RS232, M5 to PC	75
RSU100	Cable, RS232 to USB	125***

\* Refer to force gauge pages for model numbers and specifications.

\*\* 09-1165 Cable included with all M5 Force Gauges.

\*\*\* Includes cable, driver and manual on a CD; converts RS232 to USB.

NOTE: CG1000/USB computer operation requires 09-1048A and RSU100.

MODEL	FORCE TESTING SOFTWARE	PRICE
15-1004	MESURgauge Force Testing Software	\$495*
FDIX/KI	Key Injector Software - PC Software Link	50**

\* Feature rich force testing software - force vs. distance analysis.

\*\* Links data received at PC port to operational software, e.g., Excel, etc.

Prices and specifications are subject to change without notice.

[www.wagnerinstruments.com](http://www.wagnerinstruments.com)

**CALL US TOLL FREE 800-345-4188**



MANUAL SPRING TESTER