

# 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

- Included: 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 BG 2 - 100.

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

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

MODEL	FORCE GAUGES	PRICE
BG XXX	Digital Force Gauge 2 - 100 lbf	\$995*
BG 200/500	Digital Force Gauge 200 lbf or 500 lbf	1145*
CG 1000	Digital Force Gauge 1000 lbf	1495*
09-1048A	Cable, RS232, BG/CG to PC, 9 pin	75
FDIX/CA-USB	Cable, RS232 to USB	35**

\* Force gauge included with TSC/ST.

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

FORCE TESTING SOFTWARE		
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.

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