

**MANUAL**
**FORCE TESTER™**
**150 lbf & 500 lbf**

- TENSION & COMPRESSION
- CAPACITY: 150 lbf or 500 lbf
- LEVER OR HANDWHEEL
- DIGITAL FORCE & TRAVEL DISPLAY
- MULTIPLE COLUMN HEIGHTS

Made in America, the Chatillon® MT-150 and MT-500 provide tension and compression testing to 500 lbf / 250 kgf / 2500 N with a quick-action lever or precision handwheel for controlling crosshead speed and travel.

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 and SPC printer output.

**CONSTRUCTION**

- Capacity: MT-150: 150 lbf [75 kgf/7500 N], MT-500: 500 lbf [250 kgf/2500 N].
- Rugged and exceptionally rigid extruded aluminum column.
- Column length: 30" [750 mm], optional: 40" [1000 mm] and 60" [1500 mm].
- Maximum vertical clearance: approx. 15" [380 mm] depending on gauge.
- Maximum stroke: 6" [150 mm], others available.
- Maximum horizontal clearance: 6" [150 mm].
- Lever travel rate: 3" [75 mm] per revolution.
- Handwheel travel rate: 0.5" [12 mm] per revolution.

**OPERATION**

- Precise tension and compression testing with lever or handwheel.
- Compression testing with 3" [75 mm] diameter plate.
- Tension testing with force gauge and test stand hook.

**ACCESSORIES**

- Included: hook, 3" [75 mm] diameter compression plate and adapters.

**WEIGHT & DIMENSIONS**

- MT-150 Test Stand - 20 lb [9 kg].
- MT-500 Test Stand - 22 lb [10 kg].
- MT-150 Dimensions: 30" [760 mm] H x 8.5" [215 mm] W x 11.5" [290 mm] D.
- MT-500 Dimensions: 30" [760 mm] H x 8.5" [215 mm] W x 11.5" [290 mm] D.



**Model MT-150 –**  
Manual Force Test Stand

MODEL	DESCRIPTION	PRICE
MT-150L	Test Stand, lever operated, 150 lbf Capacity	\$905.00
MT-150H	Test Stand, handwheel operated, 150 lbf Capacity	1250.00
MT-500L	Test Stand, lever operated, 500 lbf Capacity	1070.00
MT-500H	Test Stand, handwheel operated, 500 lbf Capacity	1465.00
SPK-MT-DIGITAL	Digital Travel Display - 6" x 0.0005" [150 mm x 0.01 mm]	600.00
MT-EXT-40	Extended Column - 40" [1000 mm]	40.00
MT-EXT-60	Extended Column - 60" [1500 mm]	140.00

MODEL	FORCE GAUGES	PRICE
DFE XXX	Chatillon Digital Force Gauge, 2 - 500 lbf	\$935.00*
E-DFE XXX	Chatillon Digital Force Gauge, 2 - 500 lbf	995.00*
DFS XXX	Chatillon Digital Force Gauge, 2 - 500 lbf	1415.00*
SPK-MT-0001	DFE & DFS Gauge Mounting Kit	53.00

\*See DFE/E-DFE or DFS catalog pages for force gauge selection.

Prices and specifications are subject to change without notice.

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

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