

CHATILLON™ TCM 201

- TENSION & COMPRESSION
- CAPACITY: 200 lbf/100 kgf/1000 N
- BASIC MOTORIZED FORCE TESTER
- UP-FRONT ROTARY DIAL CONTROL
- SIMPLE MOTION CONTROL KEYPAD
- ADVANCED E-DFE FORCE GAUGE
- FORCE DATA OUTPUT
- FORCE DATA SOFTWARE
- MANUALLY SET TRAVEL LIMITS
- AUTOMATIC CYCLING
- OVERLOAD PROTECTION - FORCE LIMITS
- TCM 201 & E-DFE FORCE GAGE: \$5725

*TCM 201 Motorized
Force Test Stand*



CONSTRUCTION

- Rugged all metal construction.
- Horizontal clearance: 2 ¼ inches [60 mm].
- Vertical travel: 18 inches [460 mm].
- Five variable speeds; 0.5 to 12.5 in/min. standard.
- Two rotary dials and three button keypad.
- Force display and controls on force gauge.
- Ball screw drive for precise linear motion.
- Dynamic braking for controlled stops.
- Standard mounting for Chatillon force gauges.

OPERATION

- Manually operated force tester.
- Up-front rotary dials and keypad control.
- High and low force limits set at force gauge.
- Calibrated rotary dial speed control.
- Test mode selection at rotary dial.
- Mechanical high and low travel limits.
- Single or continuous cycling between limits.
- Fast return selector switch.
- Emergency stop switch.
- Force analysis software - force vs. time.

POWER REQUIREMENTS

- 110 Vac or 220 Vac operation.

ACCESSORIES

- Optional: Mounting adapters, cables, and grips.

ACCURACY

- Force: ±0.25% of Full Scale.
- Speed: ±5% of maximum speed.

WEIGHT & DIMENSIONS

- 42 pounds [19 kg]
- 35" [90 cm] H x 14" [35 cm] W x 16 ½" [42 cm] D

The TCM 201 motorized test stand is a dedicated force tester intended for **tension and compression force testing** when travel measurements are not required. The advanced **E-DFE Digital Force Gauge** provides analog force data to the TCM 201 for **overload protection** and **RS232 force data** to a computer for **data logging and graphing** using Nexygen Force Gauge software.

Up-front rotary dials provide **speed and test mode selection**. Dedicated function keys provide **fast motion control** - up, down, stop. Selectable modes include: **single cycle** at upper or lower limit, **continuous cycling** between limits and manual operation.

MODEL	DESCRIPTION	PRICE
TCM201-STD	Standard Speed - 0.5 to 12.5 in/min.	\$5725.00*
TCM201-SS	Slow Speed - 0.02 to 0.5 in/min.	5725.00*
TCM201-MS	Medium Speed - 0.1 to 2.5 in/min.	5725.00*
TCM201-HS	High Speed - 1 to 25 in/min.	5725.00*

*Includes one E-DFE Digital Force Gauge of any capacity, ENC0125 Cable and Nexygen force gauge software.

MODEL	E-DFE DIGITAL FORCE GAUGE	PRICE
E-DFE-002	2 x 0.001 lbf 1 x 0.001 kgf 10 x 0.01 N	\$1100.00*
E-DFE-010	10 x 0.01 lbf 5 x 0.001 kgf 50 x 0.01 N	1100.00*
E-DFE-025	25 x 0.01 lbf 10 x 0.01 kgf 100 x 0.1 N	1100.00*
E-DFE-050	50 x 0.01 lbf 25 x 0.01 kgf 250 x 0.1 N	1100.00*
E-DFE-100	100 x 0.1 lbf 50 x 0.01 kgf 500 x 0.1 N	1100.00*
E-DFE-200	200 x 0.11 lbf 100 x 0.1 kgf 1000 x 1 N	1100.00*

*One E-DFE Digital Force Gauge of any capacity is included with each TCM 201.

MODEL	OPTIONAL ACCESSORIES	PRICE
ENC0125	Cable - E-DFE to TCM 201 (9 pin)	95.00*
NC000875	Cable - TCM to PC (9 pin) - 10'	55.00

*Included with each TCM 201, the ENC0125 Cable provides force gauge overload protection and communication.

Prices and specifications are subject to change without notice.

www.wagnerinstruments.com

CALL TOLL FREE: 800 345-4188

