

TCM201 SERIES Motorized Test Stand

The CHATILLON® TCM201 Series of motorized test stands offer customers an easy-to-operate motorized testing system that is precise enough for the laboratory and rugged enough for the production floor. Stands feature an all-metal construction with ball screw and dual support columns for positive motor control and minimal deflection. Manually adjustable limits stop crosshead travel at precise user specified locations. Rotary dials are easy to operate and allow the user to specify speed requirements and test mode. Dedicated function keys provide fast motion control adjustment (up, down, stop). Units operate in four modes: single cycle at upper limit, single cycle at lower limit, continuous cycling between limits, and manual. A selector switch is provided for specifying return speed after testing.

FEATURES

- Easy to Use, Rugged Construction
- Twin Rotary Dials and 3-Button Keypad for Simple Operation
- Precision Ball Screw Drive Mechanism
- Four Mode Cycling
- Dynamic Motor Braking
- Emergency Stop Button
- Capacities Up to 200 lbs (100 kg, 1 kN)
- Adjustable High and Low Limits
- Maintenance-free Design

SPECIFICATIONS

Capacity:	200 lbs (100 kg, 1 kN)
Stroke::	18-inch (457 mm) Maximum
Vertical Clearance:	16-inch (406 mm) Minimum with Force Gauge
Travel Speed:	Model Dependent
Limits:	Adjustable High and Low
Power:	110V/230V
Weight:	42 lbs (20 kg)
Warranty:	1 Years



TCM201 shown with DFIS digital force gauge

SPECIFICATION
SS-FM-3131-0301
March 2001



Packaging



Electronics



Food & Beverage

INTERNET

www.force-gauge.net

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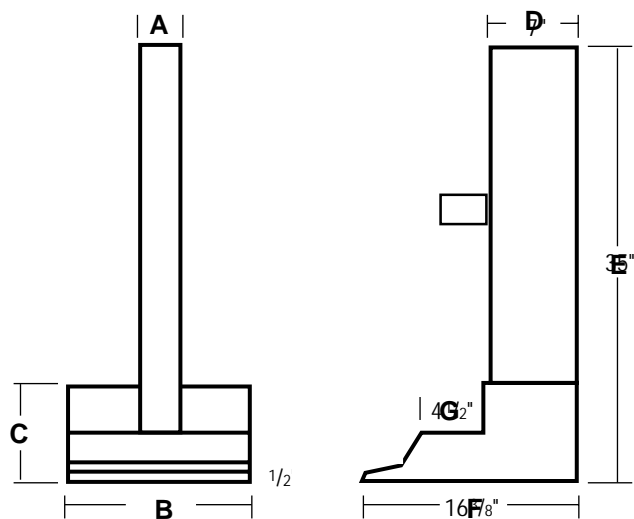
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ORDERING INFORMATION

Model	Speed	Speed Rate	Power
TCM201	Standard	0.5 to 12.5 in/min	110V
TCM201-M	Standard	12.5 to 312.5 mm/in	110V
TCM201-220V	Standard	12.5 to 312.5 mm/in	220V
TCM201-SS	Slow	0.02 to 0.5 in/min	110V
TCM201-SS-M	Slow	0.50 to 12.5 mm/min	110V
TCM201-SS-220V	Slow	0.50 to 12.5 mm/min	220V
TCM201-MS	Medium	0.1 to 2.5 in/min	110V
TCM201-MS-M	Medium	2.5 to 62.5 mm/min	110V
TCM201-MS-220V	Medium	2.5 to 62.5 mm/min	220V
TCM201-MH	Medium High	1.0 to 25.0 in/min	110V
TCM201-MH-M	Medium High	25.0 to 625.0 mm/min	110V
TCM201-MH-220V	Medium High	25.0 to 625.0 mm/min	220V
TCM201-HS	High	2.0 to 50.0 in/min	110V
TCM201-HS-M	High	50.0 to 1250.0 mm/min	110V
TCM201-HS-220V	High	50.0 to 1250.0 mm/min	220V

DIMENSIONS



	in	mm
A	3.0	76.2
B	14.0	355.6
C	7.75	196.9
D	7.0	177.8
E	35.0	889.0
F	16.4	416.6
G	4.5	114.3

ACCESSORIES

	Part No.
Gauge Adapter Kit for DFM	NC000985
Gauge Interface Cable, 9-Pin D for TCM	ENC0125
Mitutoyo Interface Cable, 10-Pin	ENC0157

A wide selection of grips, platens and fixtures are available for use with this test stand. Please contact your CHATILLON® representative.

AMETEK
TEST AND CALIBRATION INSTRUMENTS