

Typical Applications

Medical Devices



Pharmaceuticals



Springs & Components



General Purpose Force



7,446.00

Base Model

Gauges Extra



TCD200 Digital Force Tester

This digital test stand features bi-directional RS232 communications that support data exchange and remote control using a personal computer. Force and deflection data may be transmitted or requested and used with NEXYGEN FM Series software for comprehensive force measurement and material testing analysis. The TCD200 features a ball screw drive with dual column alignment for precise linear motion. Dynamic braking provides positive control of the motor. Programming of test speed, high and low deflection setpoints and cycling are performed using the membrane-style keypad. LCD displays indicate speed and deflection values along with status indicators of the programmed functions and units of measurement (inches or millimeters).

Accuracy

±5% of Max Speed

CORRECTED

Features

- Easy to Use, Rugged Construction
- Membrane Multi-function Keypad
- Serial Data Communications
- Precision Ball Screw Drive Mechanism
- Programmable Cycling Up to 1000 Cycles
- Limit Cycling on Force and Deflection
- Dynamic Braking
- Emergency Stop Button
- Adjustable High and Low Limits
- Maintenance-free Design
- 1 Year Warranty

Ordering Information

Model	Capacity
TCD200	200 lbf (1 kN)
TCD200-SS	200 lbf (1 kN)
TCD200-MS	200 lbf (1 kN)
TCD200-MH	200 lbf (1 kN)
TCD200-HS	100 lbf (500 N)

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5,942.20

Base Model

Gauges Extra



TCM201 Digital Force Tester

This motorized test stand offer easy-to-operate motorized testing system that is precise enough for the laboratory and rugged enough for the production floor. Features 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. 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.

Accuracy

±5% of Max Speed

CORRECTED

Features

- Easy to Use, Rugged Construction
- Twin Rotary Dials and 3-Button Keypad
- Precision Ball Screw Drive Mechanism
- Four Mode Cycling
- Emergency Stop Button
- Adjustable High and Low Limits
- Maintenance-free Design
- 2 Year Warranty

Ordering Information

Model	Capacity
TCM201, TCM201-M, TCM201-200V	200 lbf (1 kN)
TCM201-SS, TCM201-SS-M, TCM201-SS-200V	200 lbf (1 kN)
TCM201-MS, TCM201-MS-M, TCM201-MS-200V	200 lbf (1 kN)
TCM201-MH, TCM201-MH-M, TCM201-MH-200V	200 lbf (1 kN)
TCM201-HS, TCM201-HS-M, TCM201-HS-220V	100 lbf (500 N)