



FORCE & TORQUE MEASUREMENT
ISO 9001 Registered & ISO/IEC 17025 Accredited

CALL TOLL FREE [1-800-373-9989](tel:1-800-373-9989)

MX Motorized Test Stands

(Optional Distance Meter Available, Please Inquire)

Standard Features

- One stand for both compression (push) and tension (pull) tests
- High performance brushless motor provides extremely smooth and powerful operation over the entire speed range.
- Manual, Single Cycle, Continuous Cycle (72 hour max.), Force Control modes
- Force Controlled operation with Imada ZT Series force gauges and Force Control cable
- Optional timer and digital distance meter
- Conditional Overload Prevention with Force Control cable

MX Motorized Force Measurement Test Stands offer basic force testing capabilities such as adjustable test speed control, force control, quick return and emergency stop functionality. MX motorized test stands can be used for both tension and compression testing. The high performance brushless motor provides extremely smooth operation. Many speed configurations are available to fit any force testing application, see the speed configuration tab for more details.

Four Modes of Operation

MX test stands include four modes of operation: Manual, Single Cycle, Continuous Cycle (72 hours max), and Force Control modes. Manual mode allows the stand to be controlled by the four arrow buttons on the base of the stand.

Force Control Capability

Connect the MX test stand with an Imada ZT Series force gauge and enable force controlled testing and Conditional Overload Prevention. Several force control modes are available. The gauge can move up or down until a specified force value is reached. This mode is ideal for creep or non-destructive testing. Another mode will maintain the force between a high and low setpoint, by automatically adjusting the position of the force gauge.

The MX-110 and MX-275 accept any of the standard range Imada force gauges. Optional timer and digital distance meter available.

AP-002 Adapter Plate is available to mount most other force gauges to IMADA test stands.



SPECIFICATIONS AND RANGES

Model	Capacity	Stroke
MX-110	110 lbf	235 mm (9.25")
MX-275	275 lbf	410 mm (16.1")
MX-110Q (Discontinued)	1100 lbf	305 mm (12")

SPEED CONFIGURATIONS

Please note: other special ranges are available.

MX Test Stand Speed Configurations	in / min (mm / min)
MX-110	0.4 ~ 11.5 (10 ~ 300) Standard
MX-110-O	0.08 ~ 2.3 (2 ~ 60)
MX-110-F	0.8 ~ 23 (20 ~ 600)
MX-110-WF	1.6 ~ 47 (40 ~ 1200)
MX-275	0.4 ~ 9.4 (8 ~ 240) Standard
MX-275-O	0.2 ~ 4.7 (4 ~ 120)
MX-275-F	0.6 ~ 15.5 (15 ~ 400)

DISTANCE METER SPECIFICATIONS

Display	Push button for inch/mm, zero set and on/off
Resolution	0.0005"/0.01 mm
Accuracy	0.1% of reading or 0.005"/0.1 mm whichever is greater

DIMENSIONS

[MX Motorized Test Stands Dimensions](#)