

Motorized Vertical Test Stands – MX-275



MX-275 without distance meter
MX-275S with distance meter
Maximum load 275 lbf

- One stand for both compression (push) and tension (pull) tests
- Combination of screw drive system and high performance brushless motor provides extremely smooth and powerful operation over the entire speed range.
- Jog, Single Cycle, Continuous Cycle (72 hour max.), Force Control
- Force Controlled operation with Imada Z Series force gauges
- Wide speed range: 0.4 – 9.4 in/min (optional speed ranges available)
- Clearance 16"
- Optional timer and digital distance meter



MX-275S with Digital Distance Meter
Force gauges and attachments are sold separately.

MX-275 motorized test stands offer advanced force testing. The combination of screw drive system and state-of-the-art brushless motor provides extremely smooth and powerful operation over the entire speed range.

Connect the MX-275 test stand with an Imada Z Series force gauge and enable force controlled testing.

High/Low Set Point Force Control

Force control is activated when the applied force is at or between the high and low set point(s) of the Z Series force gauge and is deactivated by the digital timer. Initial carriage speed is controlled by the variable or fixed speed settings.

One Way Force Control

Initial carriage speed is controlled by the variable or fixed speed settings. When the applied force reaches the low set point of the Z Series force gauge, the test stand's carriage speed is adjusted to 20% of maximum and decreases to zero as the applied force reaches the high set point. Ideal for non-destructive testing.

Speed control, quick switch and emergency stop are standard features. The MX-275 accepts 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.

Speed Configurations	
Standard Speed	0.4~9.4"/min
Optional High Speed	0.7~23"/min
Optional Low Speed	0.15~4.2"/min

Specify Speed When Ordering