

Motorized Vertical Test Stand



MX-275S with Distance Meter
MX-275-TM with Timer

MX-275 without Distance Meter
MX-275S-TM with Timer and Distance Meter

- One stand for both compression (push) and tension (pull) tests
- Maximum load 275 lbf
- Combination 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: 0.3 – 9.4 in/min (optional speed ranges available)
- Clearance 16"
- Optional digital distance meter, timer and speed indicator
- Conditional Overload Prevention

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

Speed Configurations	
Standard Speed	0.3~9.4"/min
Optional Speeds	
MX-275-F	0.6~15.7"/min
MX-275-O	0.2~ 4.7"/min

Custom Configurations Available
Specify speed when ordering.

Timer Specifications	
Range	1 sec ~ 99 min, 59 sec
Accuracy	±0.01%, ±0.05 sec; in 1 second intervals

MX-275 test stands offer consistent testing and force control capability. 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 to enable force controlled testing and Conditional Overload Prevention.

High/Low Set Point Force Control

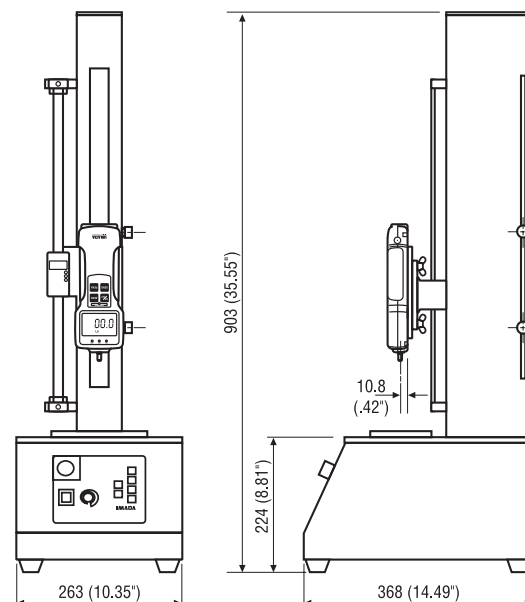
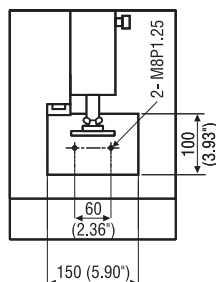
Force control is activated when the applied force is at or between the high and low set point(s) of the Z Series force gauge and is deactivated by the digital timer. Initial carriage speed is controlled by the variable or fixed speed settings.

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 creep or non-destructive testing.

The MX-275 accepts any of the standard range Imada force gauges. Quick switch and Emergency Stop features are also included.

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



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

Specifications subject to change without notice.