

Motorized Vertical Test Stands – MX-110



- One stand for both compression (push) and tension (pull) tests
- Maximum clearance 9" (with extender 14")
- Maximum load 110 lbf
- Jog, Single Cycle, Continuous Cycle (72 hour max.), Force Control
- Combination of screw drive system and high performance brushless motor provides extremely smooth and powerful operation over the entire speed range.
- Wide speed range: 0.4 – 11.5 in/min (optional speed ranges available)
- Force Controlled operation with Imada Z Series force gauges
- Optional timer and digital distance meter available

Dimensions

Force gauge sold separately

MX-110 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-110 test stand with an Imada Z Series force gauge to enable force controlled testing.

Speed Configurations

Standard Speed	0.4~11.5"/min
Optional High Speed	0.8~23.6"/min
Optional Low Speed	0.15~4.7"/min

Specify Speed When Ordering

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 return and emergency stop are standard features. The MX-110 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.