

Motorized Horizontal Test Stand

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

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

- One stand for both compression (push) and tension (pull) tests
- Stroke 11.8"
- Maximum load 275 lbf
- 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: 0.2 – 7 in/min (optional speed ranges available)
- Optional digital distance meter and speed indicator
- Conditional Overload Prevention

Speed Configurations	
Standard Speed	0.2~7.0"/min
Optional Speeds	
MH-275-F	0.4~14.1"/min
MH-275-WF	1.1~35.4"/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

MH-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 MH-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 MH-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.



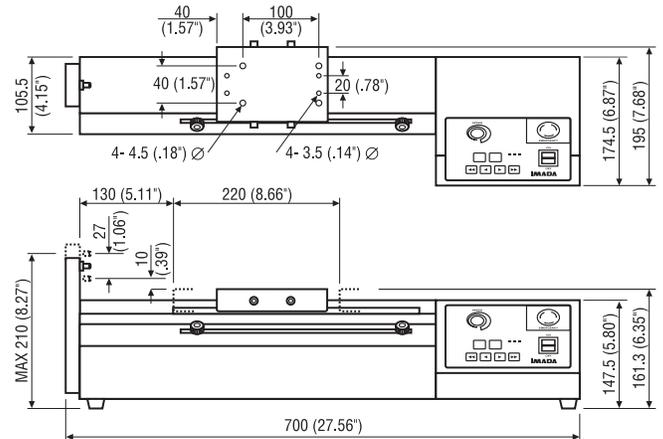
MH-275 and Timer
Force gauges and attachments are sold separately.

Digital Distance Meter

- Mounts to all test stands, manual or motorized
- Data output capability



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



Specifications subject to change without notice.