



## Imada MH2-110 Motorized Test Stand 110 lbf

MH2-110 Horizontal Motorized Force Measurement Test Stand offers advanced force testing such as digital speed setting, timer control, and cycle counter. The MH2-110 incorporates an easy to read LCD screen onto the base of the test stand.



Manufacture: Imada

SKU: **MH2-110**

Weight: 30.00 lb

Free Ground Shipping  
within the 48 continental  
US States

**Please Call  
(800)832-0055**

## Features

### MH2-110 Motorized Test Stand

**MH2-110 (110 lbf capacity) MH2-110-S with Standard Digital Distance Meter (110 lbf capacity)  
MH2-110-FA with High Speed Distance Meter (110 lbf capacity)**

MH2-110 Horizontal Motorized Force Measurement Test Stand offers advanced force testing such as digital speed setting, timer control, and cycle counter. The MH2-110 incorporates an easy to read LCD screen onto the base of the test stand. Use the intuitive program dial to set the operating mode, test speed, and test duration time, number of cycles and change other available test settings.

### Three Modes of Operation

The MH2-110 motorized test stand includes three modes of operation: Jog, Manual, Cycle Mode. MH2 features unique jog movement control, for precise increment testing. In jog mode, each click of the program dial moves the cross head approximately .015mm (see specifications for more details). Manual mode allows the user to control the crosshead using the arrow buttons. In cycle mode, automated cycle tests are easy to setup. Control start, measuring and return speeds independently.

### Force Control

Force controlled non-destructive tests are also easy to setup and program. Connect an Imada ZT

Series force gauge to the MH2 test stand to enable two force controlled modes and Conditional Overload Prevention.

**Maintain Force Between High/Low Setpoints**

Initial cross head speed is controlled by the start speed setting. Force control activates when applied force exceeds the low setpoint (and below the high setpoint) on the ZT series force gauge. The cross head maintains force between the low and high setpoint for the specified hold time, and then returns to the start position.

**Increase Force to High Setpoint and Stop**

Initial cross head speed is controlled by the start speed setting. When the applied force reaches the low set point of the ZT series force gauge, the test stand engages the measuring speed setting. The gauge stops when the applied force reaches the high set point on the ZT series force gauge. Ideal for non-destructive or creep testing. The cycle is repeated until the counter limit is reached.

**MH2-110 Standard Features**

- Selectable Manual, Increment, Single Cycle, Continuous Cycle and Force Control (with Z Series gauges)
- Easy-to-use program dial and menu screens control mode, speed, timer, cycles
- Ultra rigid, .5 mm deflection at maximum load
- Programmable timer up to 99 59.9 sec in 0.1 sec increments
- Conditional Overload Prevention
- Up to 65,535 cycles
- Stroke: 9" (230mm)

**Specifications**

i81u812

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MH2-110 Motorized Test Stand		
Model	Speed (mm)	Capacity (lbf)
MH2-110 (standard)	10~300	110
MH2-110-V900	50~900	33
MH2-110-V600	20~600	55
MH2-110-V90	3~90	110

MH2-110-V45

1.5~45

110

[718-336-5900](tel:7183365900)

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