High Capacity Motorized Test Stands – MV-1100/500

MV-1100 MV-500
Force gauge sold separately

MV-500BA (Basic Type)
MV-1100AC (Auto Cycle Type)
Max Load: MV-500 - 500 lbf, MV-1100 - 1100 lbf

PRICING
DELIVERY
SUPPORT

- One stand for both compression (push) and tension (pull) tests
- Stroke: 16"
- Combination of ball screw drive system and high performance brushless motor provides extremely smooth and powerful operation over the entire speed range.
- Test speed mode: fixed (pre settable) or adjustable
- Return speed: fixed max. or adjustable
- Auto cycle feature
- Optional dynamic and static distance meter available

Dimensions | MV-500 | MV-1100

These motorized test stands offer consistent and reliable force testing. The combination of ball screw system and state of the art brushless motor provides extremely smooth and powerful operation over the entire speed range. They feature dual speed mode; fixed speed (pre settable) and adjustable speed. Speed control, quick return and emergency stop are standard features. They accept any of the standard range Imada force gauges.

Speed Configurations		
Model	MV-500	MV-1100
Standard Speed	0.4~9.4"/min	.4~4"/min
Optional High Speed	0.7~23"/min	.8~8"/min
Optional Low Speed	0.15~4.2"/min	.2~2"/min

Specify Speed When Ordering

Basic Models: MV-220BA, MV-500BA

Basic Models have top and bottom travel limits that can be adjusted for a precise range of movement. Set the travel limits, flip the direction switch up to move the cross head up to the top travel limit at the selected speed. Flip the direction switch down to send the cross head down to the bottom travel limit. The speed is set by a Speed Adjust knob. Quick Return and Emergency Stop features are also included.

Auto Cycle Models: MV-220AC, MV-500AC, MV-1100AC

Auto cycle models have top and bottom travel limits that can be adjusted for a precise range of movement. Speed Adjust, Quick Return and Emergency Stop features are also included. These stands have three function modes.

Manual Mode: While the Direction switch is held up, the head moves up. Holding the switch down moves the cross head down. When the switch is released the head stops. This mode is ideal for positioning.

Single Cycle Mode: When the Direction switch is pushed up, the cross head moves up at the desired speed, and when it reaches the top travel limit, it automatically goes back and stops at the bottom travel limit, completing one cycle. Pushing the switch down runs the cycle in reverse.

Auto Cycle Mode: This mode is similar to Single Cycle mode, except that the cross head travels up and down repeating the cycle until either the Power or Emergency switches is turned off. This mode is ideal for applications such as fatigue testing.