137-MV-220 Motorized Vertical Test Stands

MV-220
Force gauge sold separately

MV-220BA (Basic Type)
MV-220AC (Auto Cycle Type)

Max Load: 220 lbs.

- **One stand for both compression (push) and tension (pull) tests**
- **Stroke: 16"**
- **Auto cycle feature**
- **Optional dynamic and static distance meter available**

Speed Configurations	
Standard Speed	.4~4"/min
Optional High Speed	.8~8"/min
Optional Low Speed	.2~2"/min

Specify speed when ordering

These motorized test stands offer consistent and reliable testing. It features dual speed mode: fixed speed (presettable) and adjustable speed. They accept any of the standard range Imada force gauges. Quick return and Emergency Stop features are also included.

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 crosshead 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 crosshead 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.