



SUTTER INSTRUMENT Motorized Microscope Stages and Translators

MT-2000/MT-2078 MT-2200/MT-2278

Description *Microscope translator and table mounted stands and/or fixed stage for multi-patch*

Uses Multi-electrode recording and imaging in slices or other preparations

Features 22 mm X and Y optical train movement via manual or motorized microscope translators. Accomplishes high magnification microscopy/electrophysiology at multiple sites in a sample. Manipulators and tissue sample can be on separate stands or on a single large fixed stage.

MP-78 MPC-78

Large moving platform stage

Simultaneous 2-Photon Imaging and electrophysiology

Tissue sample or whole animal and multiple manipulators are supported on a large, moving stage. 25 mm travel in X and Y allow the user to move to multiple sites in brain or other tissue for electrode placement and simultaneous 2-photon imaging. The large moving stage is also useful for inverted microscope or other applications where moving the microscope is not convenient or easily accomplished.

3DMS

3-dimensional motorized stage

Multi-site imaging of samples smaller than 25 mm X 25 mm

Built-in Z focus drive, compact form factor, compatible with upright or inverted microscopes, 25 mm travel in X, Y, and Z. Adjustable speed and resolution allows optimization for your experimental setup. Absolute and relative origins. Programmable robotics for complex motion sequences when used with MP-285 controller.

Travel	22 mm in X and Y	25 mm in X, Y, and Z	25 mm in X, Y, and Z
Focus	Option for Olympus BX51WI ¹	Option for Olympus BX51WI ¹	Built-in
Control	ROE or PC	ROE or PC	ROE or PC
Interface			
With MPC-200	USB	USB	USB
With MP-285A	Serial and USB	Serial and USB	Serial and USB
With TRIO™ MPC-100 ²			USB

1. Please contact Sutter for availability on other microscope makes and models.
2. Only available with 3DMS.



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