



## MD Series

### Micromanipulator Platforms

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We've designed a series of Microscope Dependent (MD) stands for those who wish to use a Sutter Instrument manipulator in conjunction with an inverted microscope.

The typical MD stand is a manipulator platform that bolts directly to the frame of an inverted microscope. Stands are available in either single-sided or double-sided versions for the most common inverted microscopes made by Nikon, Olympus, Leica, and Zeiss. These platforms lend themselves to the absolutely drift-free recording configuration required when using the manipulators to position patch-electrodes to record from attached cells in culture.

To mount the MP-285 to an MD stand you also need either the X285210 mounting adapter plate (for orthogonal mounting) or the 285RBI rotating base that allows for non-orthogonal mounting and rotation of the entire manipulator (note: the X285210 mounting plate is included with each MP-285 and MP-225). New mounting options and adapters for new microscopes are being added frequently.

#### FEATURES

- Creates a stable matrix of  $\frac{1}{4}$ -20 or M6 holes on one or both sides of a mechanical stage
- Open design allows easy access to specimen and microscope
- Mounts directly on microscope preserving valuable optical bench space
- Independent platform separate from specimen
- Allows for flexible mounting of all Sutter motorized manipulators

#### US Prices > MD Series

*International prices vary by country. Please contact your local distributor or Sutter Instrument for a quotation. Prices subject to change without notice.*

*MD part numbers have top plates with an imperial hole pattern ( $\frac{1}{4}$ -20 on 1 in centers) and our MDM part numbers indicate a metric hole pattern (M6 tapped holes on 25 mm centers). The last digit of the MD and MDM part number identifies a single-sided universal platform (-1), single-sided positional (-1L, -1R), or a double-sided platform (-2). If you do not see a metric top plate for your microscope, please phone Sutter as it may be available.*

Catalog Number	Description	Price
	NIKON MD-50 Series	
Nikon Diaphot 200/300 and Nikon TE 200/300		
MD-50-1	Single-sided	\$ 510
MD-50-2	Double-sided	\$ 1,020

Nikon TMD