



COMPACT SIZE

ELECTRICALLY QUIET

MICRON PRECISION MOVEMENT

LOW DRIFT, SMOOTH MOVEMENT

NARROW STAND WITH LINEAR SLIDE

## MP-265/MPC-365 NARROW FORMAT MANIPULATOR SYSTEM

Our new **MP-265/M** "narrow format" mechanical is designed for patch-slice manipulator systems that require more than 2 or 3 pipettes as well as for other setups where space is limited.

The **MP-265/M** mechanical builds on our existing manipulator line in several ways: First, the narrow format means more manipulators can be grouped around a recording chamber. Furthermore, the narrow format **MP-265/M** allows a high precision manipulator to be inserted into small spaces in existing setups. Next, a renowned Sutter, stepper-motor X-axis is coupled to a 150mm smooth-travel, linear slide to provide both precision as well as easy approach to and from the optical center. Finally, travel in the Y-axis is shortened (12.5 mm) both to economize on width and because radially oriented manipulators do not require long travel in the transverse axis.

The **MP-265/M** manipulator was designed specifically for systems requiring 4 or more manipulators. To this end, we have put together systems with special pricing for 4, 5 and 6 manipulators, and 2 or 3 dual

manipulator controllers. For the first time, pricing includes a new, narrow-format linear slide and narrow stand for mounting the **MP-265/M** mechanical. With the 150mm throw of the linear slide, the manipulator can be quickly and smoothly moved out to a location where there is easy access to the pipette for replacement. A narrow format version of our classic **MT-70** stand is also included; the stand is removable so that the linear slide separately can be used for mounting to large platform stages like the Sutter **MT-78**.

Through the power of the popular Sutter **MPC-200** dual manipulator controller and **ROE-200**, and one or more **MP-265/M** mechanicals, one forms **MP-365/M** systems. A single **MPC-200** controller and **ROE-200** can run one or two **MP-265/M** manipulators. A single **ROE-200**, when paired with two **MPC-200** controllers can control up to four **MP-265/M** manipulators. If you require more manipulators in a single setup, you simply duplicate the smaller systems. A new firmware version of the **MPC-200/ROE-200** automatically recognizes the **MP-265/M** mechanical and adjusts accordingly.

### MPC-365

Includes 1 MP-265/M mechanical, 1 stand, 1 MPC-200 controller, 1 ROE-200 user interface, and accessories

### MPC-365-2

Includes 2 MP-265/M mechanicals, 2 stands, 1 MPC-200 controller, 1 ROE-200 user interface, and accessories

### MPC-365-3

Includes 3 MP-265/M mechanicals, 3 stands, 2 MPC-200 controllers, 1 ROE-200 user interface, and accessories

### MPC-365-4

Includes 4 MP-265/M mechanicals, 4 stands, 2 MPC-200 controllers, 1 ROE-200 user interface, and accessories

### MPC-365-5

Includes 5 MP-265/M mechanicals, 5 stands, 3 MPC-200 controllers, 2 ROE-200 user interfaces, and accessories

### MPC-365-6

Includes 6 MP-265/M mechanicals, 6 stands, 3 MPC-200 controllers, 2 ROE-200 user interfaces, and accessories



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