



Sutter's Electrophysiology Bundles are made so the customer can use one part number to purchase a complete electrophysiology system. These bundles are based on our MPC-200 controller, meaning two MPC-200s can be daisy chained and connected to one ROE200 input device to operate up to four instruments. This allows the flexibility needed to satisfy a variety of application requirements.

Answering the following three key questions will allow you to select the right setup. The product number will be reported in the lower right tab. The part number given can be completed with the scope suffix that matches your model.

Z25	Zeiss Axioskop 2 FS
Z45	Zeiss Axio Examiner
Y51	Olympus BX51WI
Y51-FD	Olympus BX51WI (includes focus drive)
L30	Leica DMLFS
L35	Leica DM6000FS
N65	Nikon FN

**[Begin with Question One.](#)**

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### **Navigation Tip**

To avoid accidentally scrolling through the document, it is recommended to view the PDF in Full Screen Mode and only use the active links within the document. Active links are shown underlined. Avoid scrolling and using arrow keys.

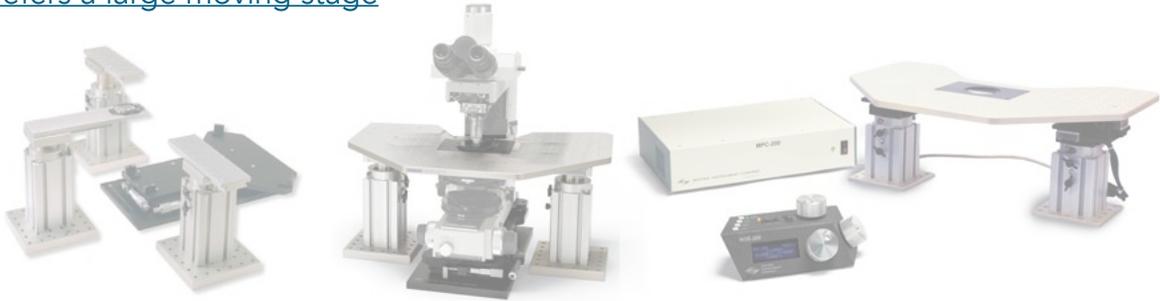
1

Does the customer prefer a three tower system or a large stage platform?

[Prefers a three tower system.](#)

[Prefers a large fixed stage platform.](#)

[Prefers a large moving stage](#)



2

Does the customer prefer a motorized or manual translator?

3

Does the customer want the MP225 or the MP285?

1

Does the customer prefer a three tower system or a large stage platform?

Prefers a three tower system.



We call this the San Francisco. It was first developed by labs at UCSF and later used throughout the Bay area, the U.S., and the world. The time-honored method allows for easy hand access to controls on the scope and manipulators for pipette exchange and other adjustments.

2

Does the customer prefer a motorized or manual translator?

[Prefers a manual translator.](#)

[Prefers a motorized translator.](#)



3

Does the customer want the MP225 or the MP285?

Wants a MP225.

Wants a MP285.

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Does the customer prefer a three tower system or a large stage platform?

Prefers a large fixed stage platform. We call this the Alcatraz, which relies on a manual scope translator but uses a single large fixed plate stage rather than separate stands for manipulators. The single stage has the advantage that it is easy to add additional manipulators and other devices in the design as the manipulator/chamber support is one large platform.



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Does the customer prefer a motorized or manual translator?

[Prefers a manual translator.](#)

[Prefers a motorized translator.](#)



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Sutter's manual microscope translation table, the MT500, in conjunction with the large fixed stage platform, is designed to allow movement of a microscope's optics with respect to the fixed stage. This methodology was developed by electrophysiologists recording from tissue slice preparations. The translator allows visualization and/or imaging of multiple tissue locations while maintaining multiple stable recordings from the preparation. Translators are available for the Olympus BX-51WI, Nikon FN1, Zeiss Axioskop 2 FS and Axio Examiner, and the Leica DMLFS as well as older fixed stage models. Inverted microscope translators are available for the Olympus IX71.

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Sutter's motorized translator, the MT-800 is a stepper-motor driven X-Y translation table. A two-axis rotary optical encoder (ROE) accepts user input to the motorized translator and can be placed in any convenient location in your setup. The benefit of the MT-800 is that one can use software such as Sutter's MultiLink™ to coordinate the movement of the translator with the manipulator's movement.

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The bundle requires no microscope translator.

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LONG ISLAND

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