

## Axio Examiner

### System Solutions for Electrophysiology

Finding a suitable micromanipulation system is an essential prerequisite for complicated electrophysiological research projects. The Axio Examiner fixed-stage microscope produced by Carl Zeiss and the Sutter micromanipulation system form a cutting-edge combination that provides a fully integrated, first-class system solution.

#### Axio Examiner

Developed on the basis of real-life research projects, the new Carl Zeiss fixed-stage microscope has been perfectly tailored to the specific requirements of electrophysiological applications. An innovative reflector turret and a highly specialized optics design serve to maximize the available space to an extraordinary degree, which means there is plenty of room to position micropipettes. The contrasting methods range from simple oblique illumination to Dodt Gradient Contrast and DIC. All the options are accessible directly from the front of the stand and can be used in either VIS or IR. All in all, this is the perfect platform for Sutter's robust and reliable micromanipulation systems.

#### Sutter Micromanipulation

Sutter Instrument, synonymous with rock solid manipulators and translators, is proud to offer these dual-manipulator slice-patch workstations to be paired with the new Axio Examiner from Carl Zeiss. Two new translators, MT-500/Z45 and MT-800/Z45 have been designed to fit the sleek new Axio Examiner. When coupled with manipulators and a variety of fixed-stages, these systems are poised to drive the market forward. Sutter will offer a range of dual manipulator/translator systems geared to the new Axio Examiner. These include the Sutter MPC-385-2 dual manipulator and either the MT-1000 or the MT-1078 translator/fixed-stage system.



**The New Class in Fixed-Stage Microscopy Meeting  
the Rock Solid Manipulators and Translators for  
Slice-Patch Workstations from Sutter**



We make it visible.

# Sutter

## Rock Solid Manipulators and Translators



### System components

- Fixed-stage microscope: Axio Examiner from Carl Zeiss
- Micromanipulation: Sutter

With electrophysiological experiments spanning a wide range, micromanipulation systems are required to have dedicated characteristics. The table on the right shows an overview of the key components. You can find more detailed information at: [www.sutter.com](http://www.sutter.com)

### AT A GLANCE – MICROMANIPULATION FROM SUTTER

<b>MPC-385-2/MT-1000/Z45</b>	Includes the MPC-200 controller and RO-E200, two MP-285 mechanicals, one MT-500/Z45 manual translator, two MT-75 manipulator stands and one MT-150 chamber column. All connecting cables, power cords, mounting hardware and manual are included. Special ZEISS package.
<b>MPC-385-2/MT-1078/Z45</b>	Includes the MPC-200 controller and RO-E200, two MP-285 mechanicals, one MT-500/Z45 manual translator and the new, MT-78-FS, large fixed-stage. All connecting cables, power cords, mounting hardware and manual are included. Special ZEISS package.
<b>MPC-385-2/MT-2200/Z45</b>	Includes two MPC-200 controllers coupled to a single RO-E200, two MP-285 mechanicals, one MT-800/Z45 motorized translator. The translator and manipulators are all controlled from the single ROE-200. Also includes two MT-75 manipulator stands and one MT-150 chamber column. All connecting cables, power cords, mounting hardware and manual are included. Special ZEISS package.
<b>MPC-325-2/MT-1000/Z45</b>	Includes the MPC-200 controller and RO-E200, two MP-225 mechanicals, one MT-500/Z45 manual translator, two MT-75 manipulator stands and one MT-150 chamber column. All connecting cables, power cords, mounting hardware and manual are included. Special ZEISS package.

Other combinations and additional a la carte offerings are available. Quotes for all systems available on request.

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