

PRODUCT REFRESH ANNOUNCEMENT

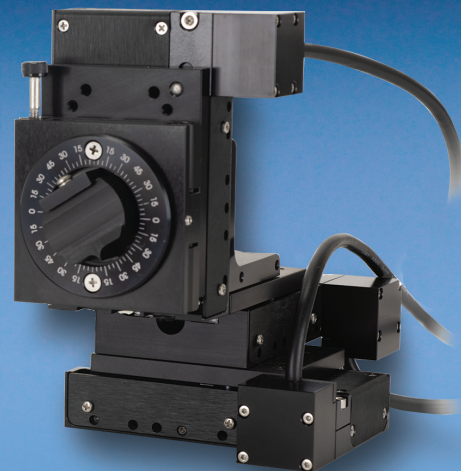
HIGHLY STABLE FOR EXPERIMENTS INTOLERANT OF PIPETTE DRIFT

MODULARIZED, SPACE-SAVING, COMPACT DESIGN EASILY ADAPTS TO YOUR SETUP

SUBMICRON (125 NM) MINIMAL RESOLUTION FOR FINE MOVEMENT

25 MM OF MOTORIZED TRAVEL ON ALL THREE AXES

4TH AXIS FOR COAXIAL MOVEMENT OF PIPETTE



MP-225A MICROMANIPULATOR

Sutter Instrument is thrilled to announce the latest design enhancements to our **MP-225** Micromanipulator System, the **MP-225A**.

In 2002, the **MP-225** controller and motorized manipulator were designed as a cost-effective option for those who didn't need all the features of the industry standard **MP-285** Micromanipulator. While the **MP-225** feature set was less comprehensive than the **MP-285**'s, it did include the most popular features with an efficient user interface.

In 2021, the **MP-225A** controller integrates the rotary optical encoder (ROE) and rack mounted controller box into a single unit to save valuable space. This extended version of the popular ROE is the sole input device necessary to operate the **MP-225A**. The **MP-225A** mechanical continues to use the proven, cable-driven architecture that

utilizes a miniature stepper motor and integral anti-backlash gear head. Pre-loaded ball bearing slides provide smooth movement throughout the 25 mm of travel. The **MP-225A** uses the same methodology for mounting pipette holders and headstages as the **MP-285** to allow for cross compatibility.

Here are a few of the economical **MP-225A**'s features and benefits:

- Highly stable for experiments intolerant of pipette drift
- Modularized, space-saving, compact design easily adapts to your setup
- Submicron (125 nm) minimal resolution for fine movement
- 25 mm of motorized travel on all three axes
- 4th axis for coaxial movement of pipette:
Any angle from 0-90 degrees can be selected on the ROE controller.

As always, our technical support team is available to discuss your specific application and answer all pre- and post-sales questions.

For additional product specifications, pricing and technical information, visit the **MP-225A** webpage at www.sutter.com.

SUTTER INSTRUMENT



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01-2022