

uMp micromanipulators

Designed with demanding applications in mind



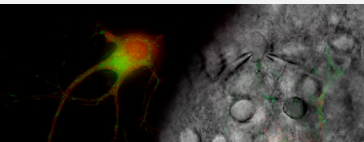
From patch clamp to silicon probe recordings.
Wherever smooth motion is key.

Compact – the manipulators can be positioned where they need to be, leaving more space for your experiment.

Intuitive and easy to use - less distractions and time lost on configuration leaves more time and attention for experiments.

Zero-drift technology - the most stable micromanipulator, making pipette drift a thing of the past.

Closed-loop control - the most accurate micromanipulator on the market, ensuring electrodes end up exactly where they need to be. Every time.



Learn more about the applications and exciting discoveries made by our customers at: www.sensapex.com

Trusted by customers worldwide



uMp micromanipulators

Please visit our webstore for pricing: shop.sensapex.com



uMp-3 | 4 micromanipulators

Positioning range:	20x20x20 mm ³ 20x20x20x20 mm ³
Resolution / repeatability:	5 nm / 100 nm
Max. speed:	5 mm/s
Max. load:	150 g
True approach angle:	0 - 45 0-90 degrees
4th axis:	virtual physical
Stand options:	Rotation, flip and/or slide
Dimensions:	49x77x128 mm 49x104x136 mm

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uMp-TSC touch screen unit

- Intuitive user interface with quick buttons for all essential functions like speed adjustment, manipulator selection and memory positions
- Two RWs per controller; max. 65536 manipulators*
- Rechargeable Li-Ion Battery operated (optional)
- Short latency computer interface through Ethernet
- Controls all Sensapex products like uMs microscope and uMc pressure controller with one-click automations for pipette cleaning and parfocal objective change

Dimensions: 120x95x123 mm

*Connecting more than two manipulators requires hub

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uMp-RW3 | 4 rotary wheel controllers

- Intuitive fingertip feeling
- Four wheel version available for 4th virtual or physical axis
- Quick buttons for speed and manipulator selections
- USB interface to Touch Screen Controller

Dimensions: 170x53x170 mm

shop.sensapex.com/product/ump-rw3

shop.sensapex.com/product/ump-rw4

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