



uMp micromanipulators

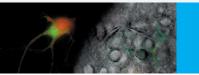


Extreme stability and accuracy miniaturized

Closed-loop controlled for the high accuracy positioning over 20 mm range with 5 nm resolution

Easy to use – plug & play installation and intuitive user interface ZERO DRIFT piezo drives provide extreme stability

Short latency PC connection - open source SDK and Python wrapper



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uMp micromanipulators

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uMp-3 | 4 micromanipulators

Positioning range: Resolution / repeatibility: Max. speed: Max. load: True approach angle: 4th axis: Stand options: Dimensions: 20x20x20 mm3 | 20x20x20x20 mm3 5 nm / 100 nm 5 mm/s 150 g 0 - 45 | 0-90 degrees virtual | physical Rotation, flip and/or slide 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*
- Li-Ion Battery operated (rechargeable)
- 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

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