



SENSAPEX



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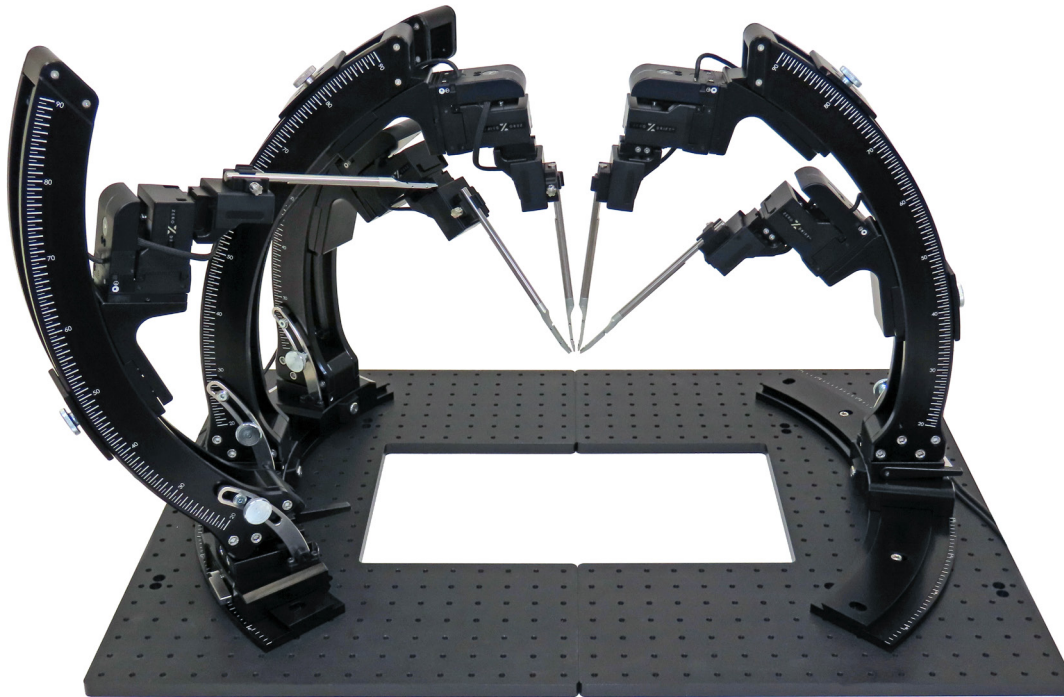
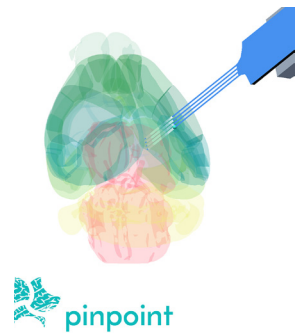
ZERO

DRIFT™

# Multiprobe rig for in vivo recordings

Reliable multiprobe in vivo recordings with proven Sensapex repeatability and stability

Fully supported in Pinpoint

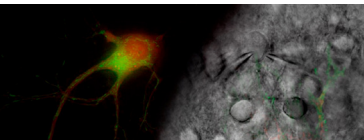


Clearly readable angle scales make angle adjustment in elevation and azimuth **easy and reproducible** - for up to dozens of probes.

Reliable planning and insertion of multiple probes thanks to full support in the **Pinpoint software suite**, including brain atlas support.

**Full control over insertion speeds**, down to 1  $\mu\text{m/s}$  for the best possible recording quality.

The ability to mount up to three individually controlled probes at the same azimuth angles enables **unprecedented recording density**.



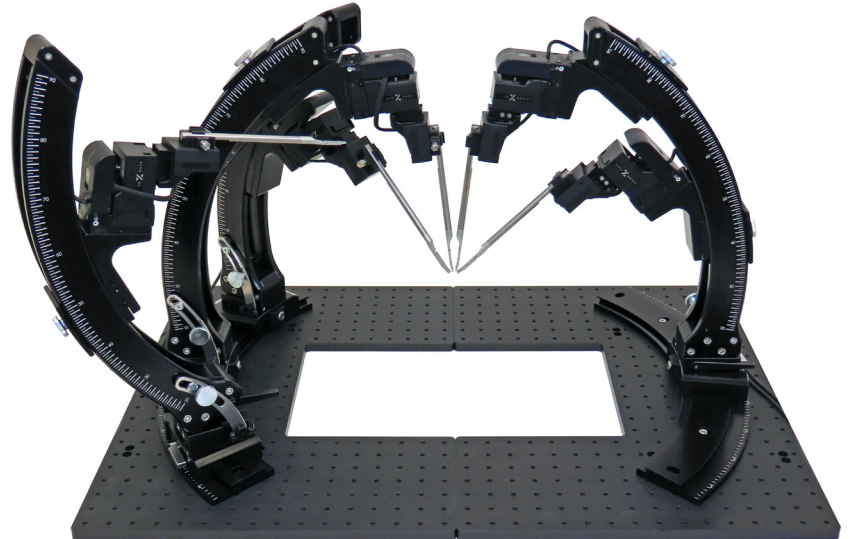
Learn more about reliable in vivo recordings with Neuropixels using our equipment: [science.sensapex.com](http://science.sensapex.com)

Trusted by customers worldwide



# Multiprobe *in vivo* rig

Contact us at  
[sensapex@sensapex.com](mailto:sensapex@sensapex.com)  
 for a quotation



## uMp-RNG and uMp-ARM

- Stable and reproducible positioning of multiple probes
- All angles, including “spin” of the probe can be adjusted
- Azimuth ( $\varphi$ ) and elevation ( $\theta$ ) rotate centered on the brain
- Up to three manipulators per arm (i.e. per azimuth angle)
- Ring segments can be used individually or as a complete ring
- Flip-action allows easy access to all probes
- Space for mounting a floating ball or treadmill in the centre
- Over two dozen probes can be used simultaneously

## uMp-3-NP micromanipulators

- The most stable manipulator for electrophysiology
- Smooth probe insertion at down to  $1\mu\text{m}$  per second
- Probeholders for Neuropixels (others on request)
- Plan and visualise insertion using PinPoint
- Full control of probe insertion – manual or automated
- Compact and intuitive touch screen display
- Rotary wheel with intuitive fingertip feeling

