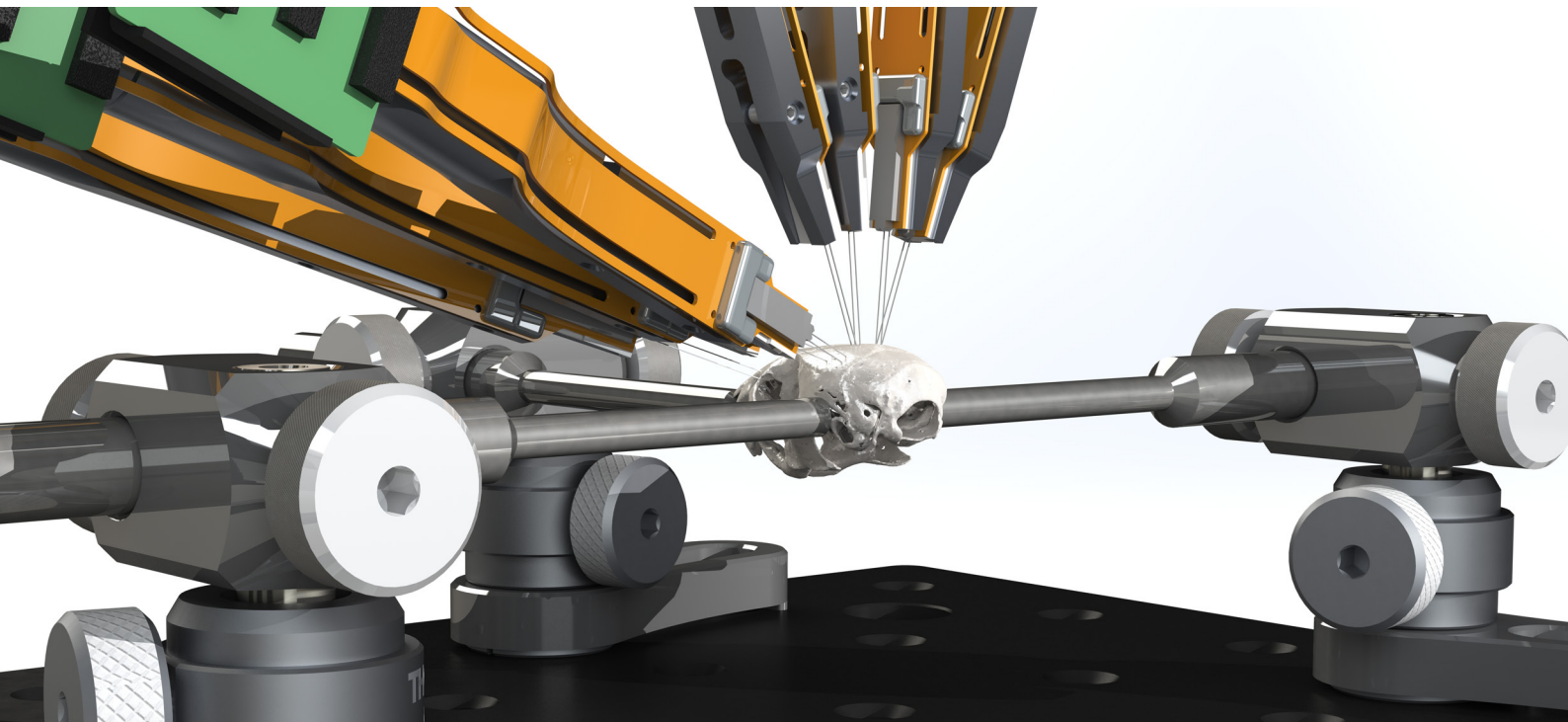


Complete rig for easy Neuropixels recordings



Ask us about upgrading your existing Sensapex manipulators

Reliable Neuropixels recordings with proven Sensapex repeatability and stability

Easy and reproducible positioning of over 25 probes

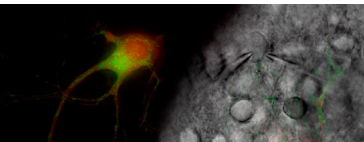
Automated, smooth insertion at adjustable speeds down to 1 μm per second for improved tissue health

Python interface and SDK for easy automated control - with Atlas support through Pinpoint

Angles from vertical to near horizontal with rotation around the brain

Easy access to each probe even at tight spacing - quick exchange without risking breakage

Quick adjustment of angles thanks to easy to read scales



Learn more about reliable in vivo recordings with Neuropixels using our equipment: science.sensapex.com



Trusted by customers worldwide



Complete *in vivo* rig

Contact us at
sensapex@sensapex.com
 for a quotation



uMp-RNG and uMp-ARM

- Stable and reproducible positioning of Neuropixel probes
- All angles, including “spin” of the probe can be adjusted
- Azimuth (φ) and altitude (θ) rotate centered on the brain
- Up to four 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
- Theoretical maximum of 72 probes

uMp-3 NP system

- The most stable manipulator for electrophysiology
- Smooth probe insertion at down to $1\mu\text{m}$ per second
- Probeholders for Neuropixels v1 and v2
- Plan and visualise insertion using PinPoint
- Full control of probe insertion – manual or automated
- Compact and intuitive touch screen display
- Rotray wheel with intuitive fingertip feeling



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