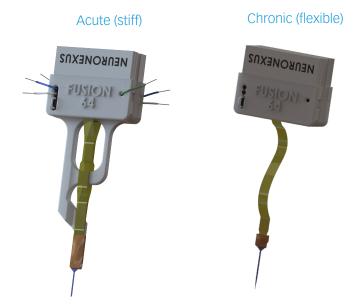


neuronexus.com

Fusion Double-Sided Probes

The **Fusion double-sided neural probe** is a cutting-edge solution designed to meet the needs of advanced neuroscience research and applications. By integrating electrodes on both sides of a silicon substrate, the Fusion offers unparalleled versatility and precision in neural interfacing, enabling researchers to capture and stimulate neural activity with unprecedented accuracy.



Specifications

| Channel Count | 32, 64, 128 |
|-------------------------|----------------------------------|
| Site Layout | Linear/Poly |
| Electrode Thickness | 30 μm / 100 μm |
| Electrode Site Material | Standard: Ir Custom: Z-coat |
| Shanks | Quantity: 1-8 Length: 3-10 mm |

Advantages

- Enhanced 360° Coverage
- Twice the active sites
- · Richer data, fewer animals
- · Fits every analysis workflow
- Trusted vendor proven by 5,000+ publications
- Customizable and available in over 100 existing probe designs

System Requirements

- NeuroNexus XDAQ/Smartbox Pro Systems
- · Open-Ephys DAQ System
- Intan DAQ System
- Or most other DAQ systems

Probe Package Options

- Cable or no cable (chronic and acute)
- · Chronic cable length: 30 mm
- Compatible with implantable microdrives
- Compatible with NNx insertion assist devices

F-SERIES PACKAGES

