

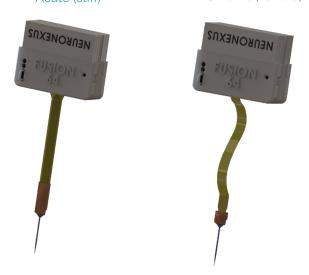
neuronexus.com

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.

Acute (stiff)

Chronic (flexible)



Specifications

Channel Count 32, 64, 128

Site Layout Linear, Poly, or Buzsaki

Electrode Thickness 30 μm / 100 μm

Electrode Site Material Standard: Ir

Custom: Pt, Au, Z-coat

Shanks

Quantity: 1-8 Length: 3-10 mm



Contact us to become a beta-tester!

Advantages

- Enhanced Coverage
- Compatible with more than 200 existing and customized probe designs
- Ultra-compact package for acute or chronic use
- Optimized data collection and stimulation
- Enhanced signal quality and resolution
- · Easy integration

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

F32



F64



F128



FH32



FH64



FH128

