

# PLEXON®

Neurotechnology Research Systems

## N-Form® Array

**Plexon Inc. and Modular Bionics™ Inc.**

U.S. Patents 9,095,267, 10,086,192, 10,368,761, 10,874,847 Patents Pending



The N-Form array is intended for non-human animal research only. The N-form and Insertion Holder manufactured by Modular Bionics Inc. [www.modularbionics.com](http://www.modularbionics.com)

For more information email [info@plexon.com](mailto:info@plexon.com) or call (214) 369-4957

**Electrophysiology • Optogenetics • Animal Behavior • Calcium Imaging**

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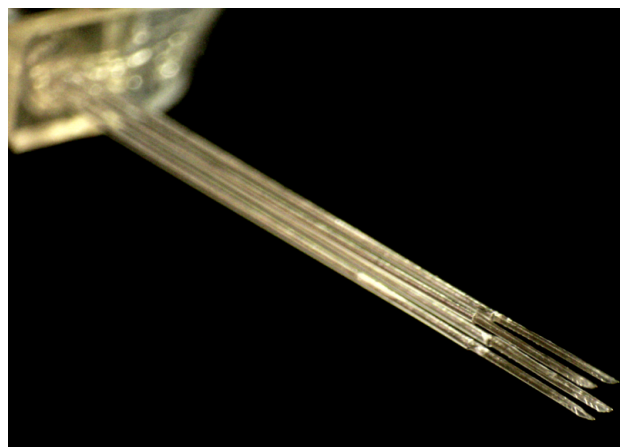
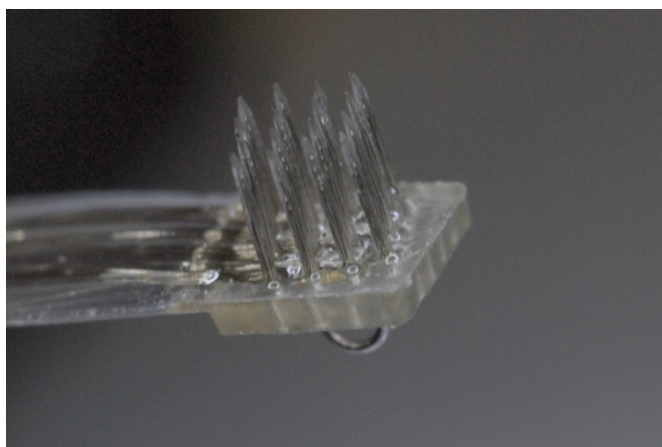
The customizable N-Form® design allows for targeting large volumes of neurons across layers and columns of cortex. The high-density design and floating interface allows for long-term, chronic recordings.

## Technical Specifications

<b>Electrode diameter</b>	25µm, circular cross-section
<b>Electrode material</b>	platinum/iridium
<b>Shank thickness</b>	125µm
<b>Distance between shank</b>	GEN2: 500 µm
<b>Max # of channels per shank</b>	8
<b>Sterilization method</b>	EtO
<b>Implantable</b>	Yes, insertion holder available

## Customizable Options

<b>Electrode coating</b>	Iridium oxide
<b>Cable length</b>	1.5cm - 13.0cm
<b>Shank length</b>	500µm - 15mm
<b>Site location</b>	125µm increments*
<b>Number of shanks</b>	1 - 16
<b>Channel count</b>	4 - 128
<b>Connector</b>	Omnetrics, Samtec



\*Speak with a Plexon Sales Engineer for more details on site location