



Features and Benefits

- **Recording & stimulation** of extracellular electrophysiological activity
- Excellent **signal-to-noise ratio**
- **Transparent substrate** to view specimens under a microscope
- **Compatibility** with BMSEED and MultiChannel Systems data acquisition system

Technical Specifications	
Temperature Compatibility	0-125°C
Overall Dimensions (W × D × H)	49 mm × 49 mm × 1 mm
Substrate and Encapsulation Material	Glass
Electrode Material	Titanium Nitride (TiN)
Contact Pad Material	Titanium Nitride (TiN)
Well Inner Diameter and Material	19 mm, glass
Thickness of the MEA (substrate)	1 mm
Electrode Diameter	30 μm
Interelectrode Distance (center-to-center)	200 μm (adjacent)
Electrode Impedance	<100 kΩ
Number of Recording Electrodes	59
Number of Reference Electrodes	1 internal reference electrode
Area of Recording Sites	1.43 mm × 1.43 mm
Maximum Strain and Strain Rate	n/a (cannot stretch)

Contact us today for more information

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Product information
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