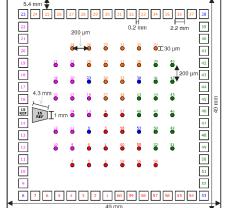
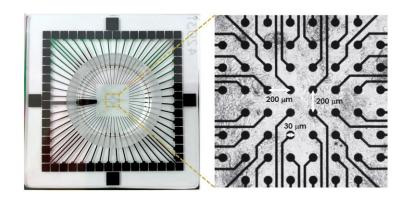


## Technical Specification Sheet 60gMEA-30-200-1iR





## **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

**BMSEED** 245 W 2<sup>nd</sup> St, STE 051-052 Mesa, AZ 85201 United States Contact: Oliver Graudejus +1 609 532 9744 oliver@bmseed.com www.bmseed.com

Product information is subject to change without notice.