



### Features and Benefits

- **Physiologically relevant cellular environment** by using soft and elastically stretchable materials
- **Apply biomechanical cues** to reproduce in vivo environment
- **Transparent substrate** to view specimens under a microscope
- **Compatibility** with BMSEED and MultiChannel Systems data acquisition system

Technical Specifications	
Temperature Compatibility	10-60°C
Overall Dimensions (W × D × H)	49 mm × 49 mm × 1.25 mm
Substrate and Encapsulation Material	Polydimethylsiloxane (PDMS)
Electrode Material	No electrodes
Contact Pad Material	Gold coated Nickel
Well Inner Diameter and Material	25.4 mm (1 inch), polycarbonate
Young's Modulus of the sMEA	2 MPa
Thickness of the sMEA (substrate+encapsulation)	270 μm (thinner and thicker samples available)
Electrode Diameter	No electrodes
Interelectrode Distance (edge to edge)	No electrodes
Electrode Impedance	No electrodes
Number of Recording Electrodes	No electrodes
Number of Reference Electrodes	No electrodes
Maximum Strain and Strain Rate	50% at 80/s

*Contact us today for more information*

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Product information  
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without notice.