

CYTOVIEW MEA 48 DATASHEET

M768-tMEA-48B **BLACK** | M768-tMEA-48W **WHITE**

STEMCELL Catalog #200-0872 **BLACK** | 200-0873 **WHITE**



Each well contains 16 electrodes arranged in a 4 x 4 grid.

ELECTRODE SPACING: 350 μ m

ELECTRODE DIAMETER: 50 μ m

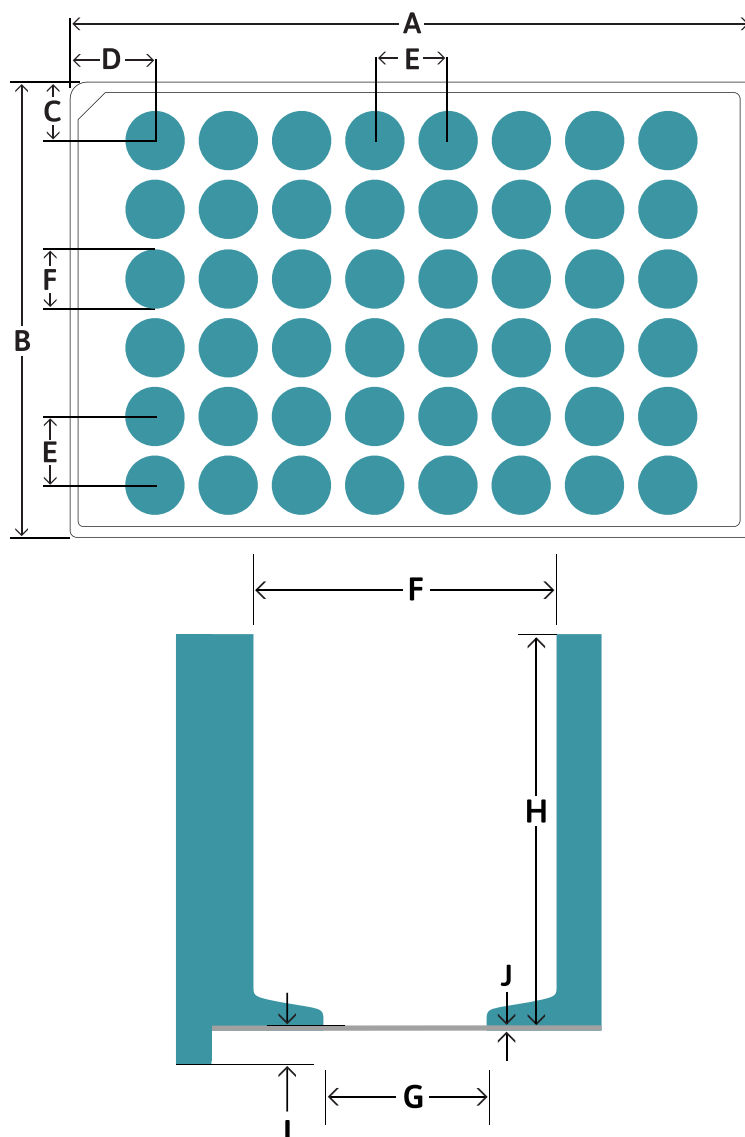
RECORDING AREA: 1.1 mm x 1.1 mm

The CytoView MEA 48 provides confidence and versatility to 48-well MEA assays with a transparent bottom for cell visualization and assay multiplexing.

PLATE INFORMATION

Surface material: PEDOT; Insulation/Surface material: SU-8

PLATE DIMENSIONS	
Plate Length (A)	127.76 mm
Plate Width (B)	85.48 mm
A1 Offset (Row) (C)	10.04 mm
A1 Offset (Column) (D)	18.10 mm
Well-to-Well Distance (E)	13.08 mm
Well Diameter (Top) (F)	10.35 mm
Well Diameter (Bottom) (G)	5.30 mm
Well Height (H)	12.15 mm
Well Bottom Elevation (I)	1.15 mm
Base Thickness (J)	150 μ m
Well Volume	950 μ l



STORING AND HANDLING

- Store in clean, dry environment at room temperature
- Do not expose to ultraviolet light or oxygen plasma
- Do not autoclave
- Use clean gloves when handling plates
- Designed for one-time cell plating

SOFTWARE REQUIREMENTS

CytoView MEA plates require AxIS software version 2.4 (or later). When recording from CytoView plates, choose "CytoView MEA 48" from the drop-down plate selector, and remember to change your selection back to "Classic MEA 48" for traditional/opaque plates.

Please contact us if you have any questions or need assistance with a software upgrade.

