

# MEA60-4Well-Pt

## Product type

Micro-Electrode Array Biochip compatible with the data acquisition systems from Multi Channel Systems MCS GmbH, Reutlingen, Germany.

## Characteristics

Substrate dimension: 21mm x 21mm x 0.7mm  
Substrate material: Glass  
Electrode material: Platinum  
Insulation material: SU-8 epoxy, thickness 5 $\mu$ m  
Working Temperature: 10°C - 70°C

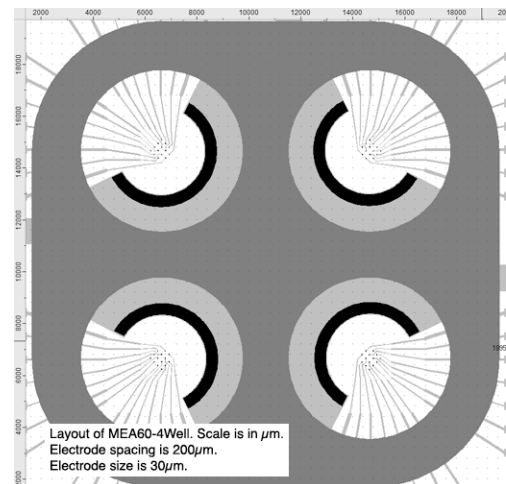
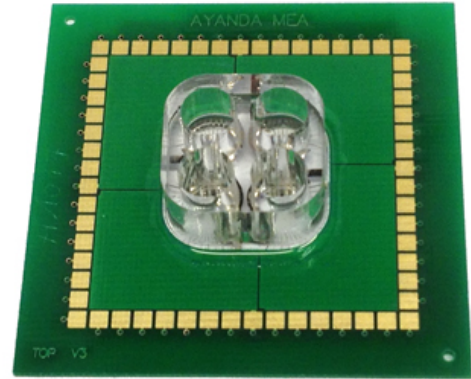
Electrode geometry: Planar

Recording electrodes: 56 (14 in each well)  
Reference electrode: One internal reference per well; electrodes N°15, 42, 57, 84

Electrode layout: 4x4 matrix in each well  
Electrodes dimension:  $\varnothing 30\mu$ m  
Interelectrode distance: 200 $\mu$ m (centre to centre)  
Impedance (@1kHz): 800-1100k $\Omega$

Culture chamber: Plexiglass chambers  
well  $\varnothing 6$ mm, height 8mm

Required accessory: MEA60-Spacer



## Applications

Dissociated cell cultures (brain tissue, spinal cord, retina, heart muscle cells, etc.)

Product information is subject to change without notice

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