

MEA60 Biochips

Product Catalogue

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MEA60-100-10-PtBlack

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum black
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

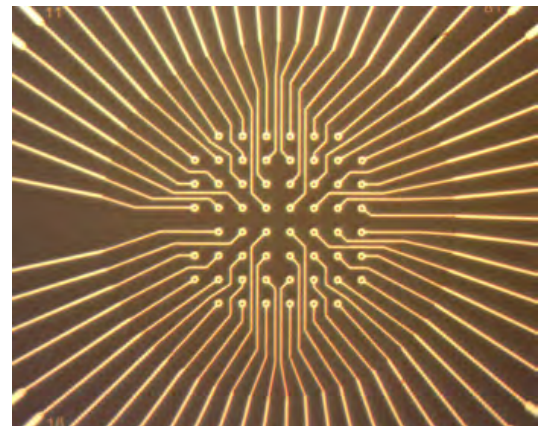
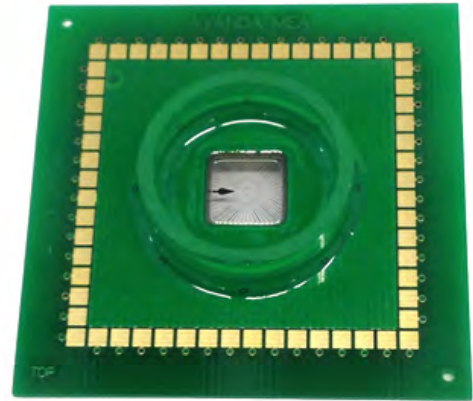
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 10\mu$ m
Interelectrode distance: 100 μ m (centre to centre)
Impedance (@1kHz): 150-200k Ω

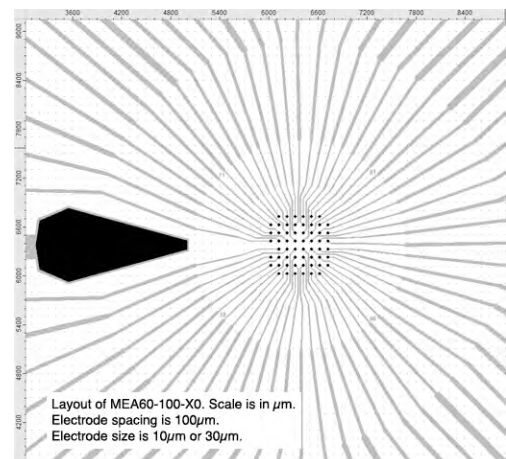
Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-100-30-3D

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.6mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

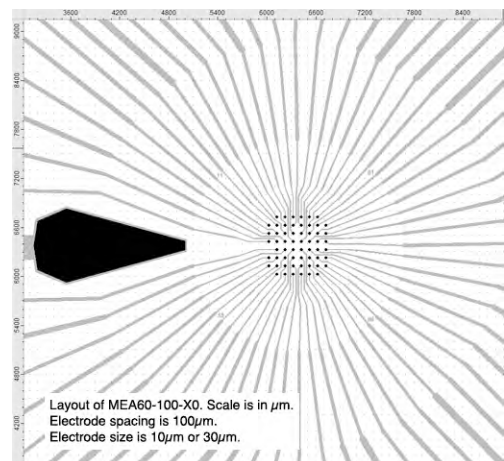
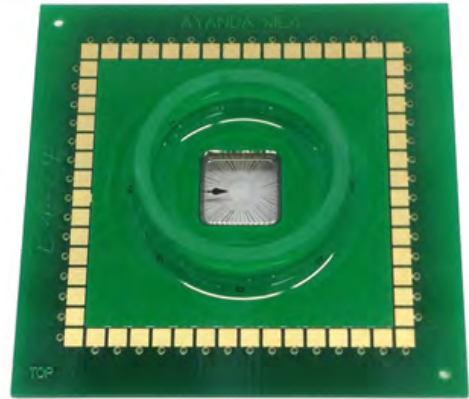
Electrode geometry: 3D tip-shaped
Electrode height: 25-40 μ m

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 30\mu$ m
Interelectrode distance: 100 μ m (centre to centre)
Impedance (@1kHz): 500-800k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures
(brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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MEA60-100-30-Pt

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

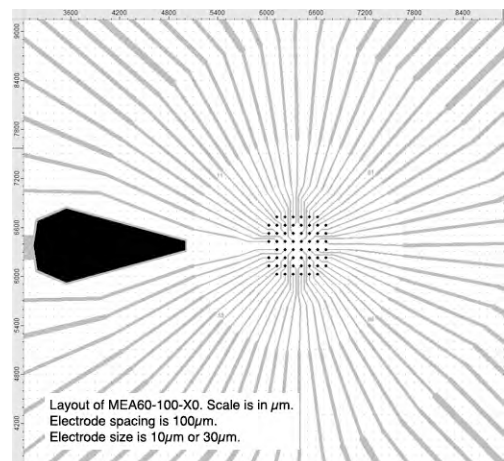
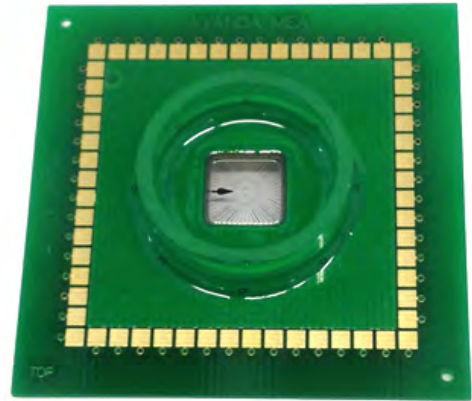
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 30\mu$ m
Interelectrode distance: 100 μ m (centre to centre)
Impedance (@1kHz): 800-1100k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-100-30-PtBlack

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum black
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

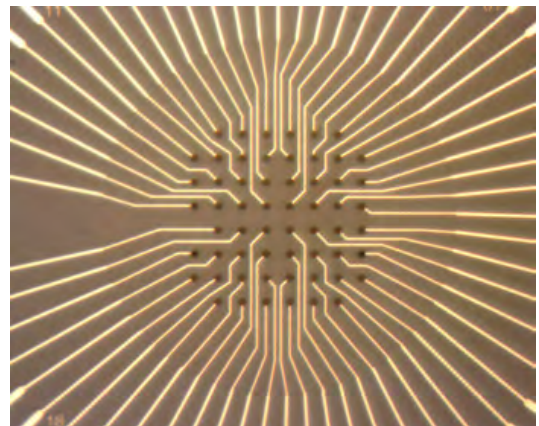
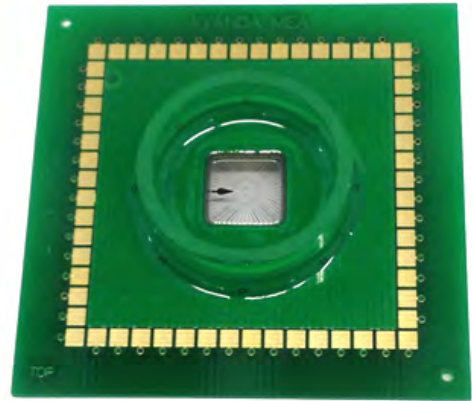
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 30\mu$ m
Interelectrode distance: 100 μ m (centre to centre)
Impedance (@1kHz): 20-30k Ω

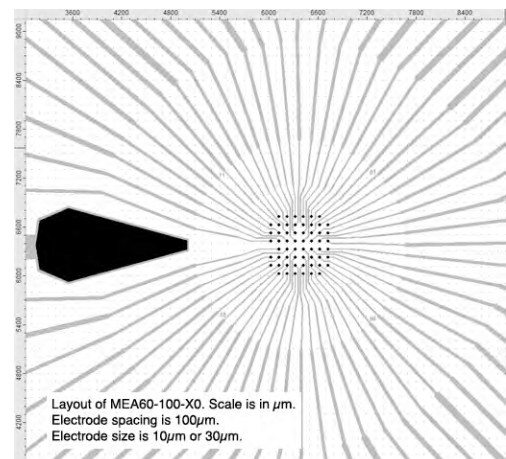
Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-200-10-PtBlack

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum black
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

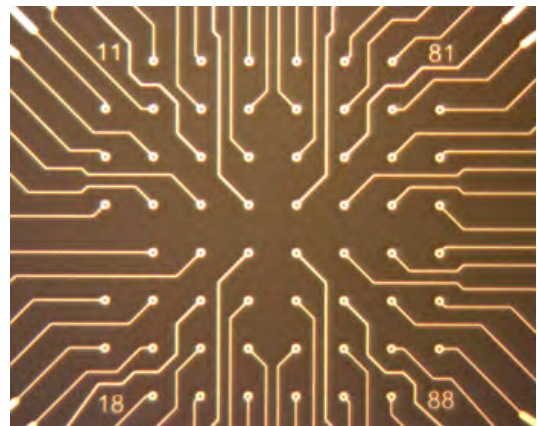
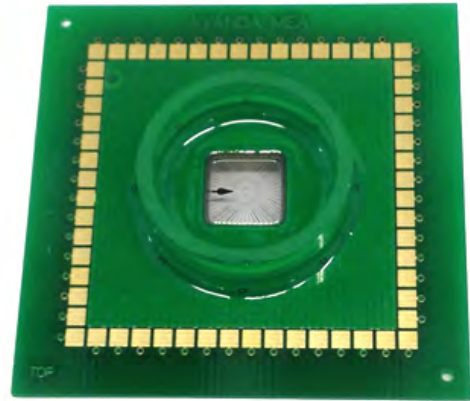
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: \varnothing 10 μ m
Interelectrode distance: 200 μ m (centre to centre)
Impedance (@1kHz): 150-200k Ω

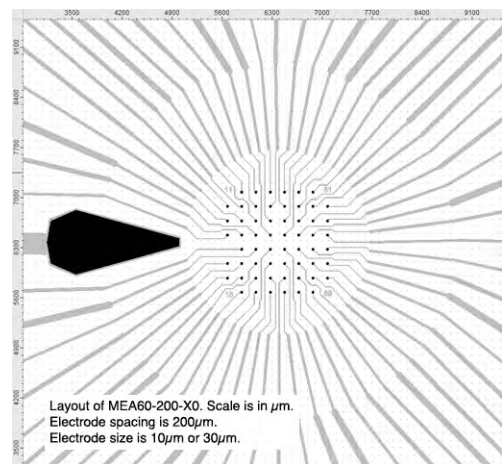
Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

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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MEA60-200-30-3D

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.5mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

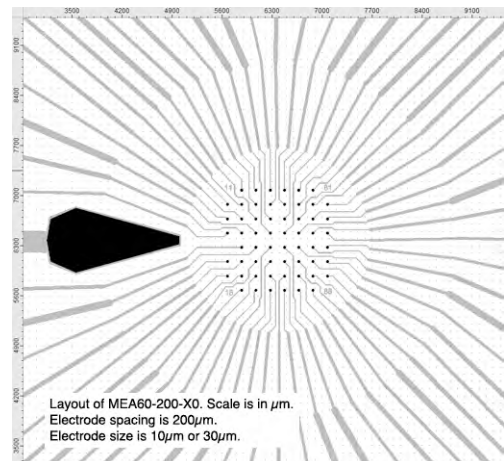
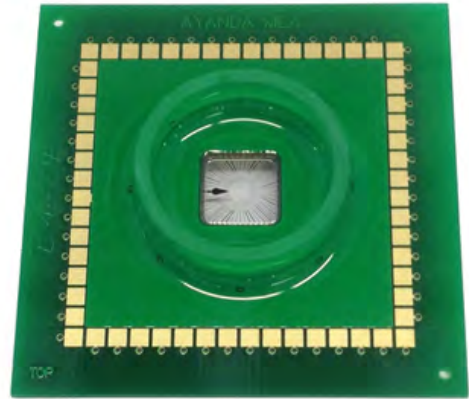
Electrode geometry: 3D tip-shaped
Electrode height: 50-70 μ m

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: \varnothing 30 μ m
Interelectrode distance: 200 μ m (centre to centre)
Impedance (@1kHz): 450-650k Ω

Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures (brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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MEA60-200-30-ITO-PtBlack

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum black on ITO
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

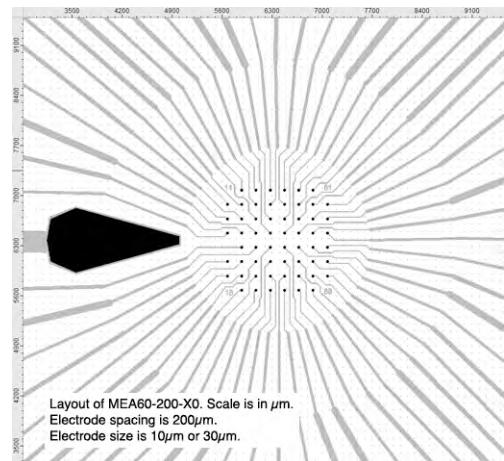
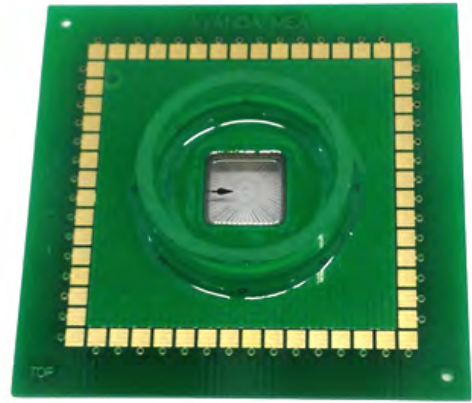
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 30\mu$ m
Interelectrode distance: 200 μ m (centre to centre)
Impedance (@1kHz): 20-30k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-200-30-Pt

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

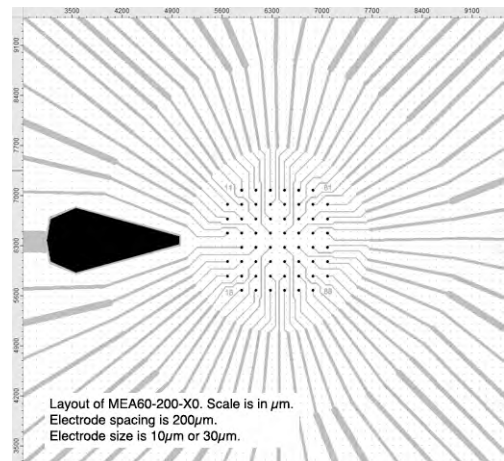
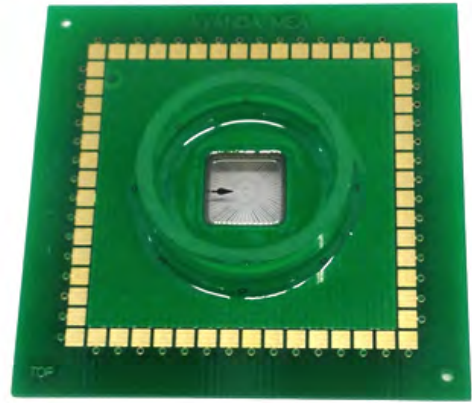
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 30\mu$ m
Interelectrode distance: 200 μ m (centre to centre)
Impedance (@1kHz): 800-1100k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-200-30-PtBlack

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum black
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

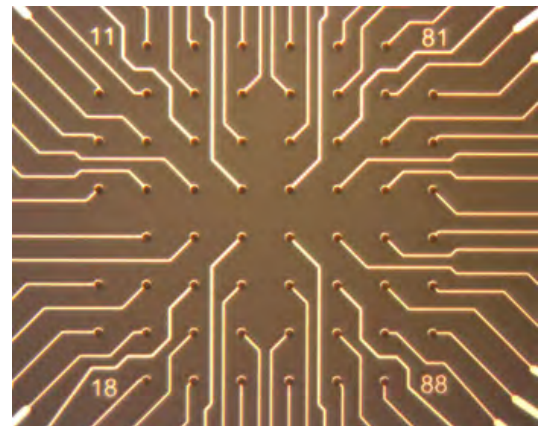
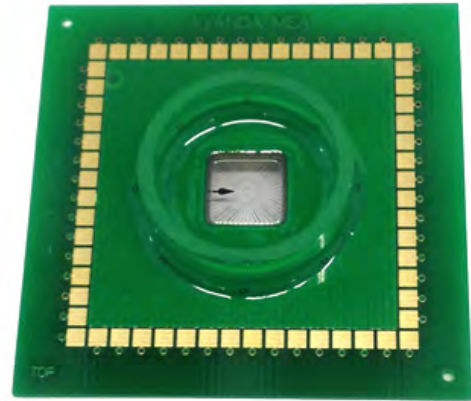
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 30\mu$ m
Interelectrode distance: 200 μ m (centre to centre)
Impedance (@1kHz): 20-30k Ω

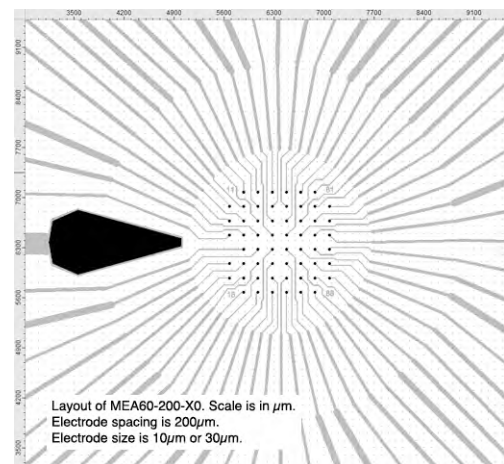
Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-200-50-ITO

Product type

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

Characteristics

Substrate dimension: 12mm x 12mm x 0.7mm
Substrate material: Glass
Electrode material: Indium-tin oxide (ITO)
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

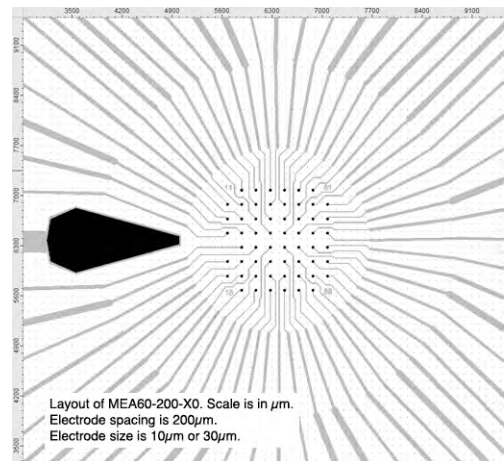
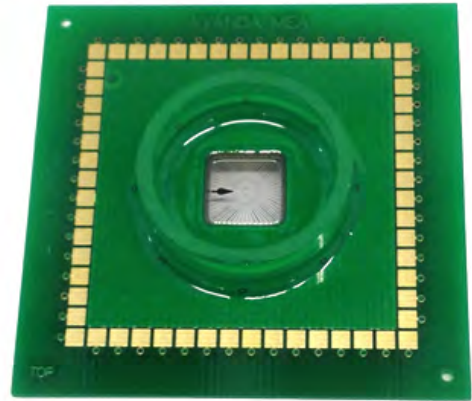
Electrode geometry: Planar

Recording electrodes: 59
Reference electrode: One internal reference (N°15)

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 50\mu$ m
Interelectrode distance: 200 μ m (centre to centre)
Impedance (@1kHz): 900-1200k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-4-Well-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 μ m
Working Temperature: 10°C - 70°C

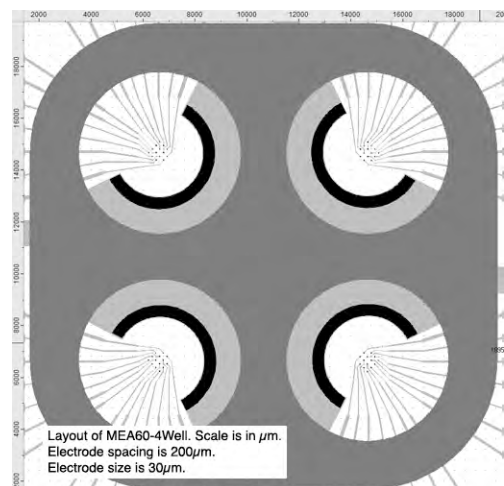
Electrode geometry: Planar

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 μ m (centre to centre)
Impedance (@1kHz): 800-1100k Ω

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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MEA60-4-Well-PtBlack

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 black
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

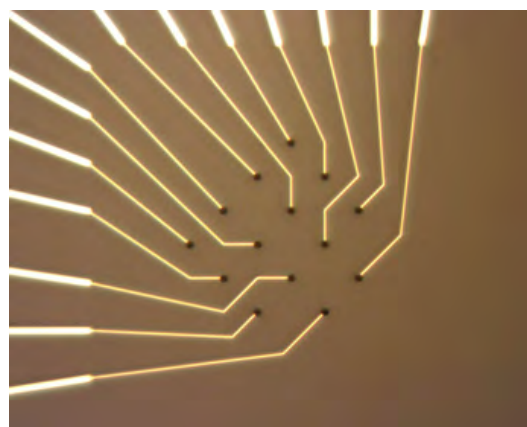
Electrode geometry: Planar

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 μ m (centre to centre)
Impedance (@1kHz): 20-30k Ω

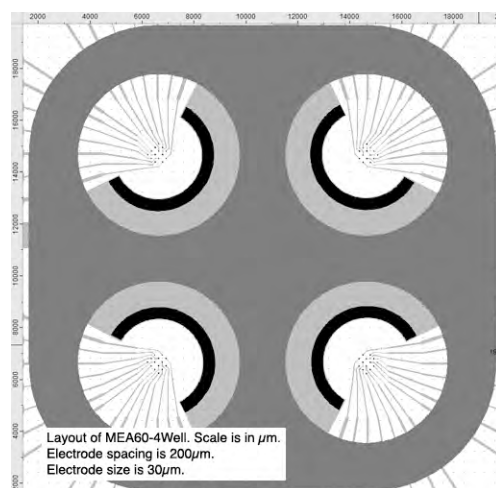
Culture chamber: Plexiglass chambers
well $\varnothing 6$ mm, height 8mm

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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MEA60-400-70

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

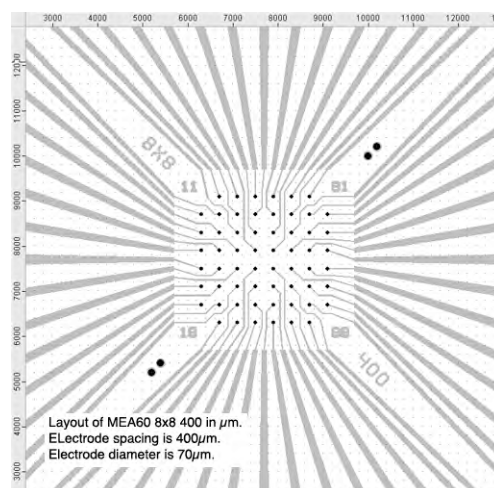
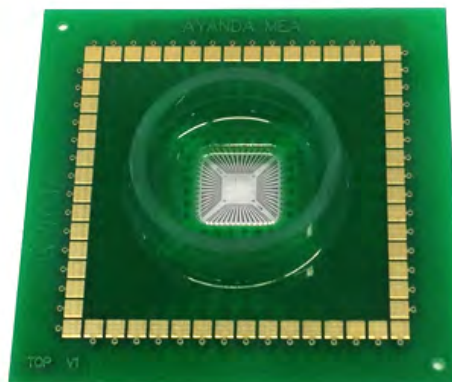
Electrode geometry: Planar

Recording electrodes: 60
Reference electrode: external reference to be used

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 70\mu$ m
Interelectrode distance: 400 μ m (centre to centre)
Impedance (@1kHz): 250-300k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-400-70-3D

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.5mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

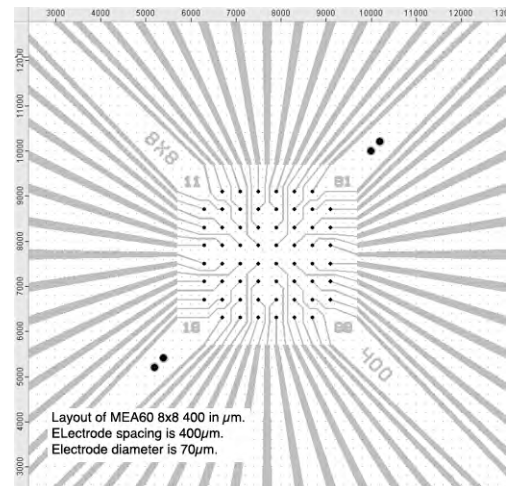
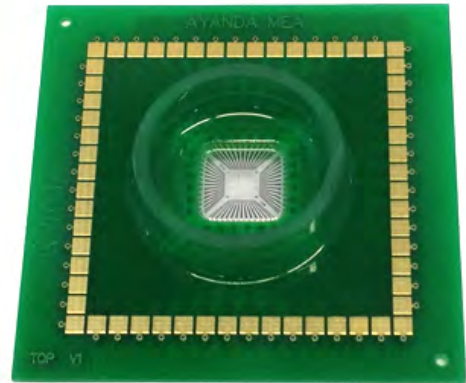
Electrode geometry: 3D tip-shaped
Electrode height: 70-80 μ m

Recording electrodes: 60
Reference electrode: External reference to be used

Electrode layout: 8x8 matrix
Electrodes dimension: \varnothing 70 μ m
Interelectrode distance: 400 μ m (centre to centre)
Impedance (@1kHz): 200-300k Ω

Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures (brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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MEA60-500-75

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

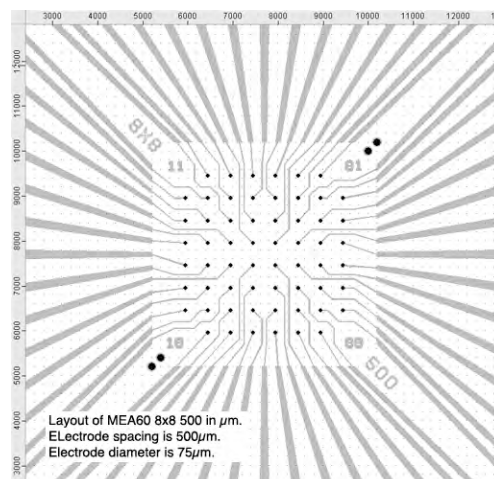
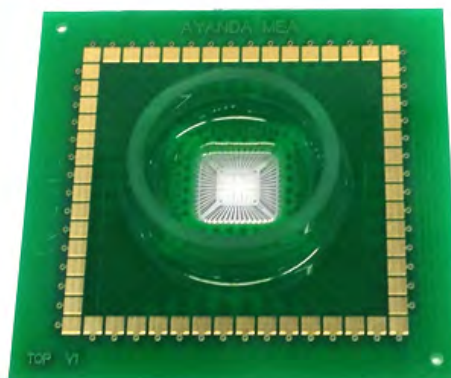
Electrode geometry: Planar

Recording electrodes: 60
Reference electrode: external reference to be used

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 75\mu$ m
Interelectrode distance: 500 μ m (centre to centre)
Impedance (@1kHz): 230-280k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-500-75-3D

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.5mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

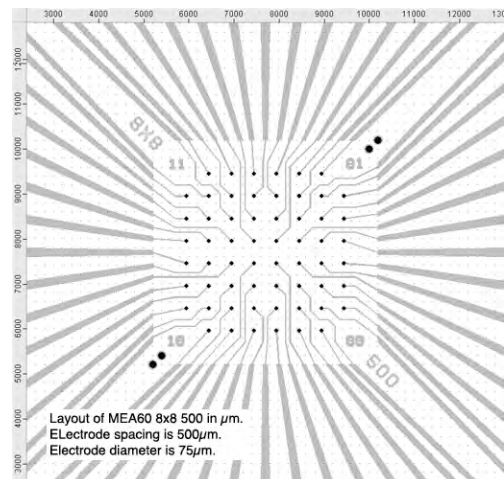
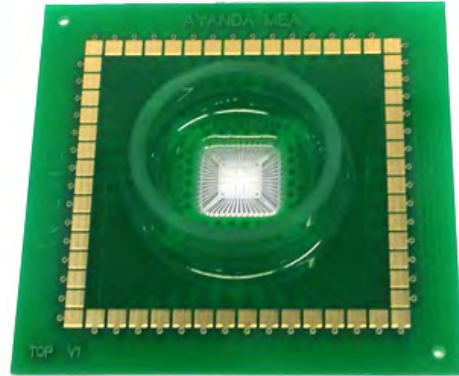
Electrode geometry: 3D tip-shaped
Electrode height: 70-80 μ m

Recording electrodes: 60
Reference electrode: External reference to be used

Electrode layout: 8x8 matrix
Electrodes dimension: \varnothing 75 μ m
Interelectrode distance: 500 μ m (centre to centre)
Impedance (@1kHz): 150-250k Ω

Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures (brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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MEA60-600-80

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

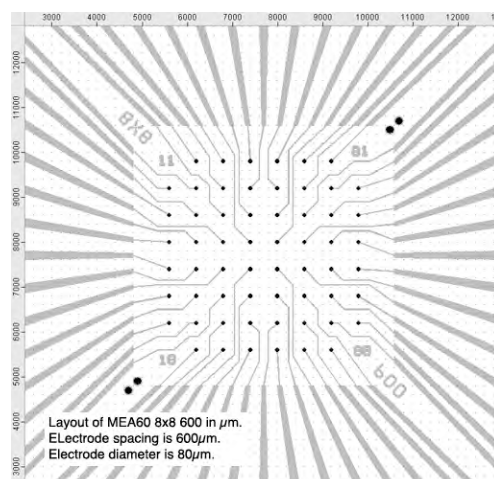
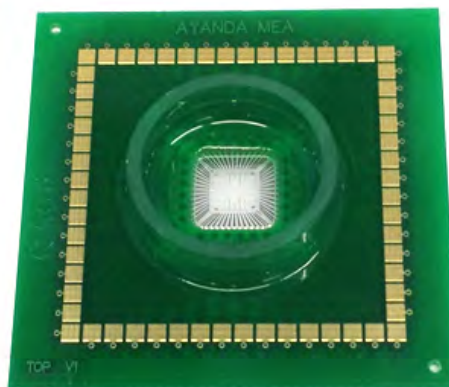
Electrode geometry: Planar

Recording electrodes: 60
Reference electrode: external reference to be used

Electrode layout: 8x8 matrix
Electrodes dimension: $\varnothing 80\mu$ m
Interelectrode distance: 600 μ m (centre to centre)
Impedance (@1kHz): 200-250k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-600-80-3D

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.5mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

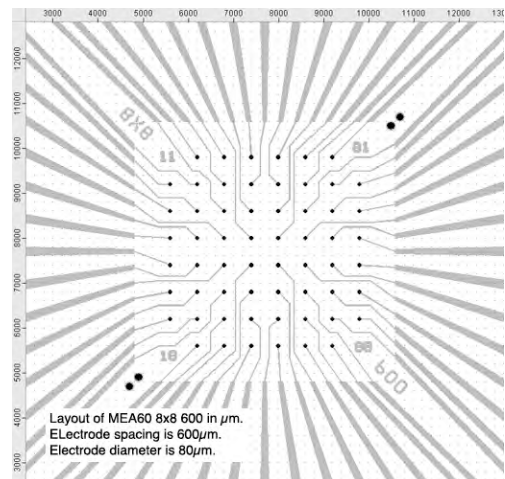
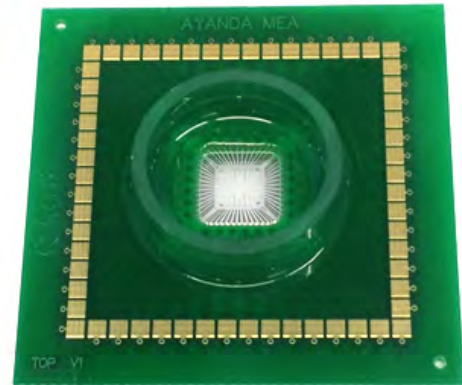
Electrode geometry: 3D tip-shaped
Electrode height: 70-80 μ m

Recording electrodes: 60
Reference electrode: External reference to be used

Electrode layout: 8x8 matrix
Electrodes dimension: \varnothing 80 μ m
Interelectrode distance: 600 μ m (centre to centre)
Impedance (@1kHz): 100-200k Ω

Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures (brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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MEA60-6x10-400

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

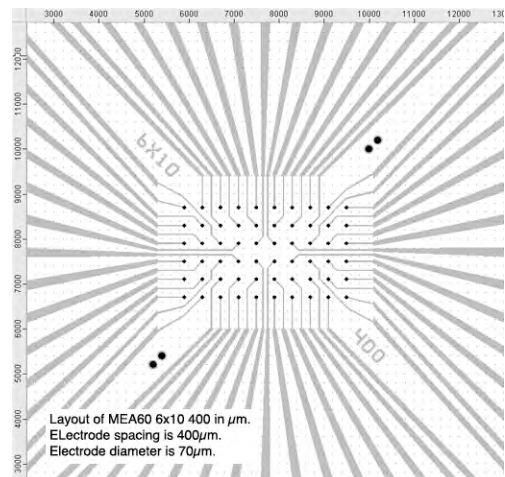
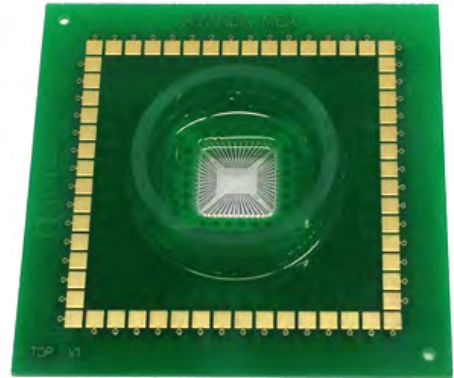
Electrode geometry: Planar

Recording electrodes: 60
Reference electrode: external reference to be used

Electrode layout: 6x10 matrix
Electrodes dimension: $\varnothing 70\mu$ m
Interelectrode distance: 400 μ m (centre to centre)
Impedance (@1kHz): 250-300k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-6x10-400-3D

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.5mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

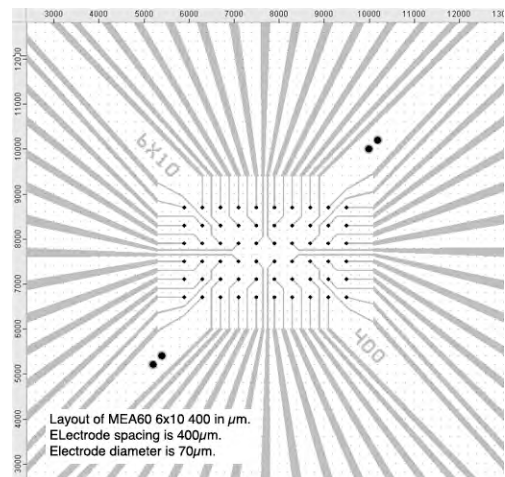
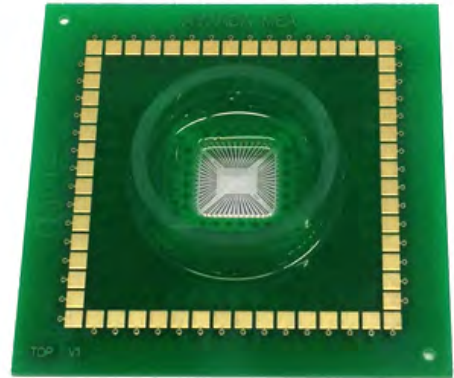
Electrode geometry: 3D tip-shaped
Electrode height: 70-80 μ m

Recording electrodes: 60
Reference electrode: External reference to be used

Electrode layout: 6x10 matrix
Electrodes dimension: \varnothing 70 μ m
Interelectrode distance: 400 μ m (centre to centre)
Impedance (@1kHz): 200-300k Ω

Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures (brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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MEA60-6x10-500

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

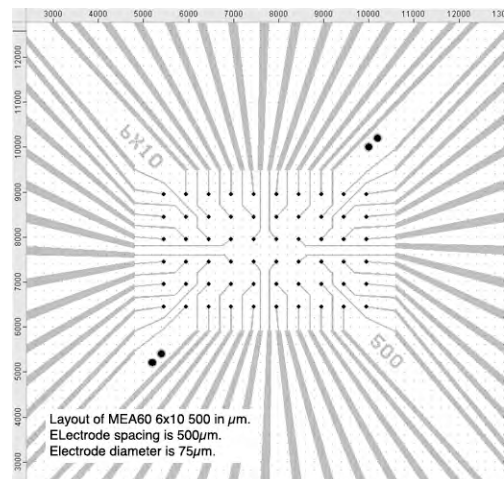
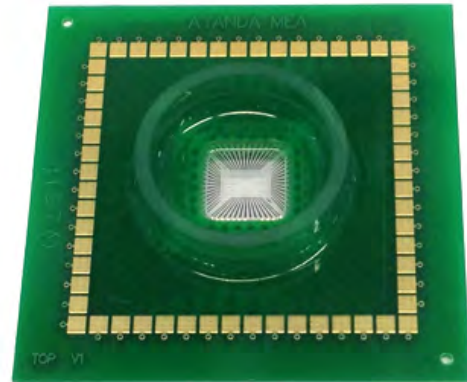
Electrode geometry: Planar

Recording electrodes: 60
Reference electrode: external reference to be used

Electrode layout: 6x10 matrix
Electrodes dimension: $\varnothing 75\mu$ m
Interelectrode distance: 500 μ m (centre to centre)
Impedance (@1kHz): 230-280k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-6x10-500-3D

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.5mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

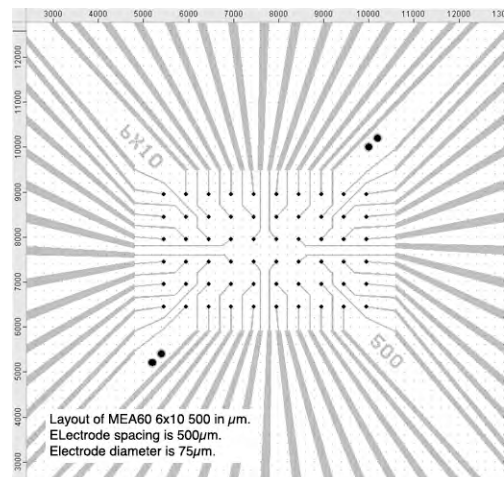
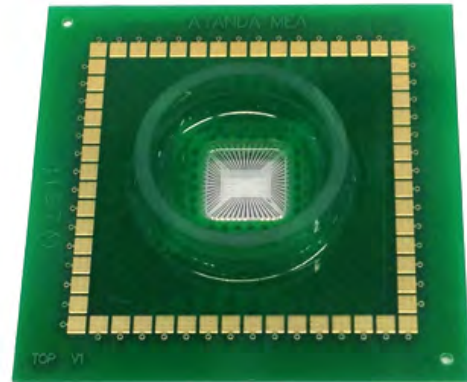
Electrode geometry: 3D tip-shaped
Electrode height: 70-80 μ m

Recording electrodes: 60
Reference electrode: External reference to be used

Electrode layout: 6x10 matrix
Electrodes dimension: \varnothing 75 μ m
Interelectrode distance: 500 μ m (centre to centre)
Impedance (@1kHz): 150-250k Ω

Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures (brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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MEA60-6x10-600

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.7mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

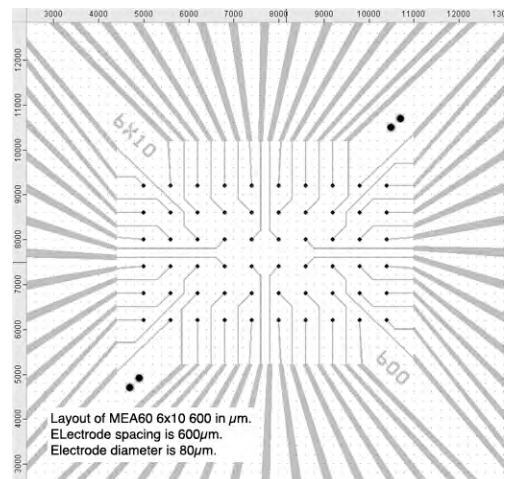
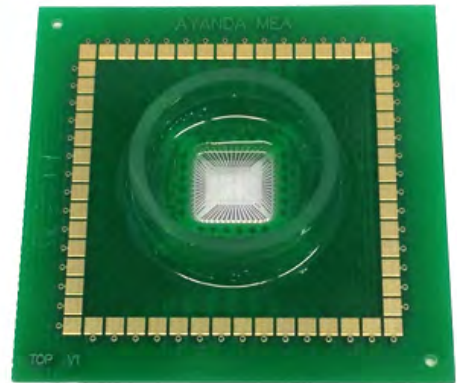
Electrode geometry: Planar

Recording electrodes: 60
Reference electrode: external reference to be used

Electrode layout: 6x10 matrix
Electrodes dimension: $\varnothing 80\mu$ m
Interelectrode distance: 600 μ m (centre to centre)
Impedance (@1kHz): 200-250k Ω

Culture chamber: Glass ring
External $\varnothing 24$ mm, height 6mm

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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MEA60-6x10-600-3D

Product type

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

Characteristics

Substrate dimension: 15mm x 15mm x 0.5mm
Substrate material: Glass
Electrode material: Platinum
Insulation material: SU-8 epoxy, thickness 5 μ m
Working Temperature: 10°C - 70°C

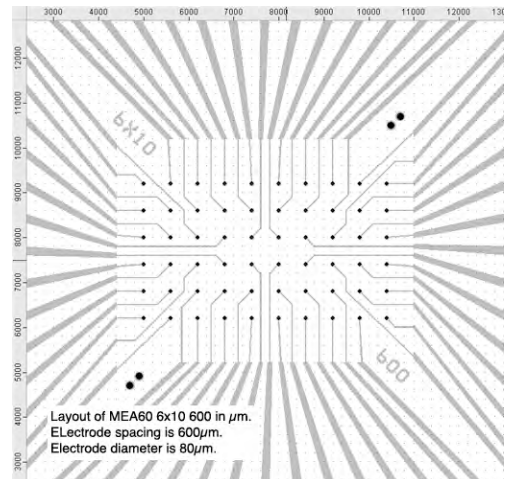
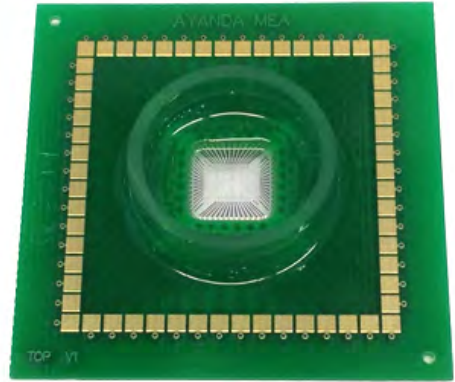
Electrode geometry: 3D tip-shaped
Electrode height: 70-80 μ m

Recording electrodes: 60
Reference electrode: External reference to be used

Electrode layout: 6x10 matrix
Electrodes dimension: \varnothing 80 μ m
Interelectrode distance: 600 μ m (centre to centre)
Impedance (@1kHz): 100-200k Ω

Culture chamber: Glass ring
External \varnothing 24mm, height 6mm

Required accessory: MEA60-Spacer



Applications

Acute slice preparations and organotypic slice cultures (brain tissue, spinal cord, retina, etc.)

Product information is subject to change without notice

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