

Dear Customer,

please create your <sup>o</sup> **AirRay Grid or Strip Electrode** according to your special requirements.

All electrodes are manufactured with medical grade Silicone, the contact material is Pt-Ir by default. Please contact us if you are interested in other connectivity options.

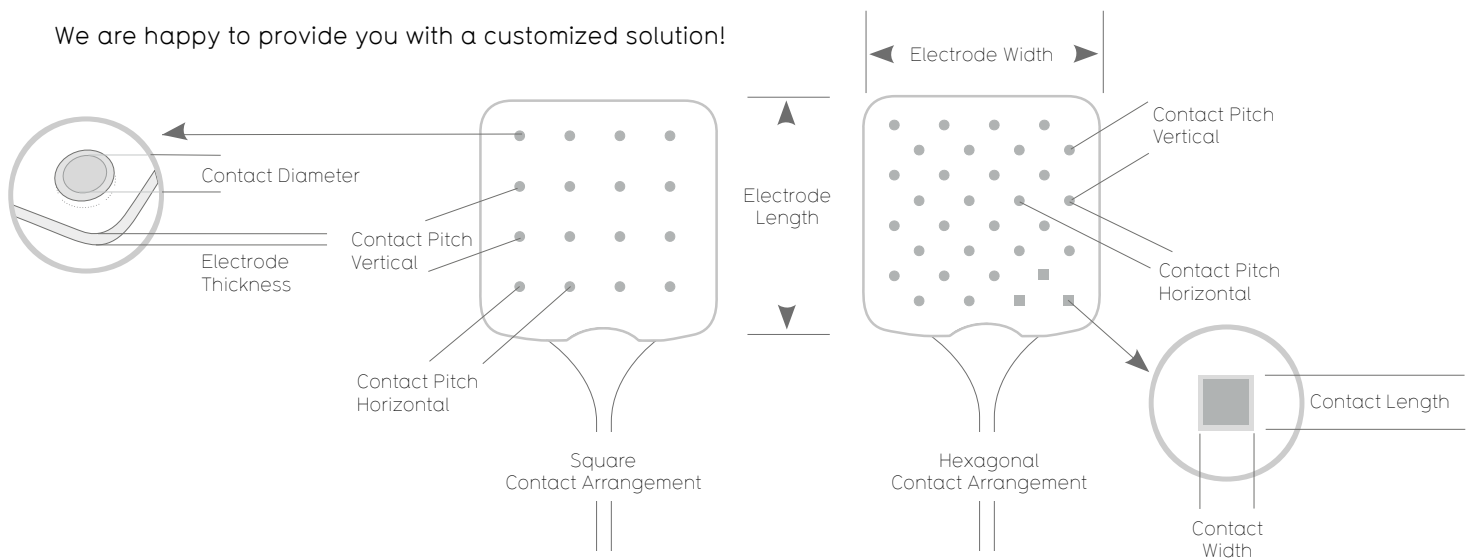
Please note that we offer a selection of standard configurations. For other product configurations might apply a design fee.

## <sup>o</sup> AirRay Grid & Strip Electrodes

The solution for the central nervous system. The grid electrodes are placed for example on the surface of the brain.

With our cutting-edge electrode technology we can realize any geometry of electrode arrays as well as contact shapes in various sizes, densities or grades of flexibility.

We are happy to provide you with a customized solution!



Parameters (please tick your desired configurations)

Other

### Geometric Requirements

Length (mm)

Width (mm)

Thickness (mm)  +/- 50  $\mu$ m

Special Requirements  
e.g. pushable, adaptive

Sterilization  planned

Your Application  Human  Non-Human  
 Acute  Chronic

### Contacts

Number of Contacts

Arrangement of Contacts  Linear\*  Square  Hexagonal

Contact Shape  Round  Angular  
Diameter (mm)  Length (mm)   
Width (mm)

Contact Pitch  Vertical   
(Center-to-center distance)  Horizontal

Contact Material  Pt-Ir

Surface Texture  Coatable  Roughened

Surface Treatment  Pt-Black  Ir-Ox  PEDOT

\* strip electrodes only

Parameters (please tick your desired configurations)

Other

**Cables and Connectors**

Material of wires Pt-Ir MP35N

**Cable Type**

Straight Wire Cables 75 $\mu$ m PtIr 75 $\mu$ m MP35N  
Highly Flexible wire (MP-DFT)  
Wires are bundled in silicone tubing

Cable Length

**Connector Type**

Extracorporeal Omnetics: circular or linear | max. 32 channels (design dependent)  
Pig tail (max. 32 channels) Open wire

Percutaneous Plastics One (max. 6 channels)

Implanted Craggs Connector (max. 4 channels)

IS-1 (max. 2 channels) Bal Seal (max. 8 channels)

Other

**Additional Testing Services**

Mechanical Testing Yes No

Impedance Measurement Yes No

Impedance Spectroscopy Yes No

Quantity

Sketch

° **AirRay** Grid Electrodes  
are fully biocompatible and suited for recording  
as well as for stimulation applications.

**Personal Data**

**Shipping Address (if different)**

Name

Name

Institution

Institution

Street

Street

City

City

State

Zip

State

Zip

Country

Country

Phone

E-Mail

Any other information; e.g. desired delivery date

**Please fax or email your request to**

 Fax: +49 (0)761 70 888 399

 EMail: [sales@cortec-neuro.com](mailto:sales@cortec-neuro.com)

Contact us for  
additional  
information



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