

Innovations in Electrophysiology

### MEA2100-HS256

for Use with MCS Interface Board 3.0 Multiboot



### 0 - 25 °C 250 mm x 150 mm x 27 mm eSATAp

252  $\pm$  250 mV DC to 10 kHz 24 bit up to 50 kHz, software controlled 450 M $\Omega$  || 18 pF

2 independent stimulation channels almost arbitrary patterns  $\pm$  10 V @  $\pm$  20 mA max. compliance current  $\pm$  1.5 mA @  $\pm$  16 V compliance voltage 20  $\mu$ s

Pt 100 (with four wire connection, compatible with TCX)  $\pm$  0.1 °C

## **Technical Specifications**

Operating temperature
Dimensions (W x D x H)
Type of cable to interface board
Integrated Amplifier
Number of recording channels

Signal input voltage range
Bandwidth
Data resolution

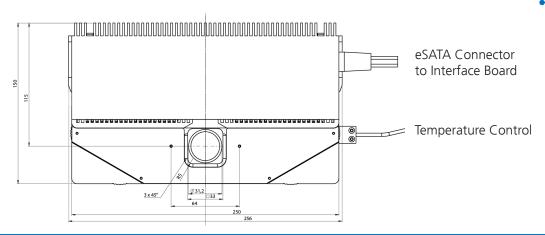
Sampling frequency per channel Input impedance

# **Integrated Stimulus Generator**

Number of stimulation channels Stimulation pattern Output voltage Output current Time resolution

### **Integrated Heating Element**

Temperature sensor type Accuracy



Multi Channel Systems MCS GmbH Aspenhaustrasse 21 72770 Reutlingen Germany Phone +49-7121-909 25- 0 Fax +49-7121-909 25-11

sales@multichannelsystems.com www.multichannelsystems.com © 2018 Multi Channel Systems MCS GmbH a division of Harvard Bioscience, Inc.

Product information is subject to change without notice.