

# OctoStat



## 8-Channel potentiostat in rack-mountable housing

Affordable high  
channel-count high-spec  
electrochemical test system

Compatible with any 19" rack  
USB / Ethernet interface

Each channel:

- Dedicated embedded FRA/EIS
- 20M datapoints locally stored
- Fully independent operation without PC
- Dedicated software for Battery and Corrosion testing



### OctoStat200

### OctoStat5000

#### System

FRA/EIS  
Analog I/O  
Module height

200mA /  $\pm 10V$   
10 $\mu$ Hz to 100kHz  
16bit analog I/O channel  
1U

5A /  $\pm 10V$   
10 $\mu$ Hz to 100kHz  
16bit analog I/O channel  
2U

#### Performance

Applied potential  
Measured potential  
Current ranges  
Measured current

-10V to +10V, 333 $\mu$ V res.  
16 bits, min 0.4 $\mu$ V  
10nA - 100mA  
16bits min. 1pA

-10V to +10V, 333 $\mu$ V res.  
16 bits, min 0.4 $\mu$ V  
10nA - 10A  
16bits min. 1pA

#### Data acquisition

Data acquisition time  
Stored nr of data points

10 $\mu$ s min.  
20M each channel

10 $\mu$ s min.  
20M each channel

