

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
- 20M datapoints locally stored
- Fully independent operation, without pc
- Dedicated software for Battery and Corrosion testing



Channels

System

FRA/EIS

Analog I/O

Module height

OctoStat200

200mA / $\pm 10V$

10 μ Hz to 100kHz

16bit analog I/O each channel

1U

OctoStat5000

5A / $\pm 10V$

10 μ Hz to 100kHz

16bit analog I/O each channel

3U

Performance

Applied potential

-10V to +10V with 333 μ V resolution

Measured potential

16 bits, min. 0.4 μ V

Current ranges

10nA - 100mA

Measured current

16 bits, min. 1pA

-10V to +10V with 333 μ V resolution

16 bits, min. 0.4 μ V

10nA - 10A

16 bits, min. 1pA

Data acquisition

Data acquisition time

10 μ s min.

stored nr of datapoints

20M each channel

10 μ s min.

20M each channel

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