
Pot 16 Quad



FEATURES

- 4 Potentiostats
- 250 mA per Channel
- High Impedance RE
- Variable Potentials
- Very Stable
- Measure Current
- Measure RE
- 16 ZRAs

APPLICATIONS

- Cathodic Protection
- Coating Disbondment
- Cracking
- Metal Leaching
- Quality Control
- Standard Tests
- Welds
- Coupled Metals

DESCRIPTION

16 ZRAs in 4 groups of 4 – to measure current flow up to 250 mA. 4 Potentiostats – one per group of ZRAs, each with its own dialled knob for setting the potential, producing up to 1Amp.

Each group of samples (4xZRA, 1xSTAT) will require its own bath.

Ability to use 1 potentiostat for one or more groups, by connecting the reference electrode connections from the other group's potentiostat. Therefore, if all samples are being held at the same potential, one potentiostat and a single bath can be used. You could group channels in lots of 4, 8, 12 or 16.

Uses the same software as Pot 16.

Technical Specifications	
Case Dimensions	53 * 18 * 32 cm
Power Supply	110 / 230 VAC 50-60Hz
Weight	8 Kg
Electrode Connectors	BNC 2.5 M length.
Measurement Accuracy	21 Bit A/D (full mains rejection)
Measurement Resolution	1 μ V \pm 0.0015% nonlinearity
Potentiostat	
Current Output	1A per group
Operational Temperature	-5 °C to 72 °C
Calibrated Temperature	25 °C

Requirements

Operating System - Windows 95, 98, ME, NT4, 2000 , XP, Vista or Windows 7.

Minimum PC Requirements – Standard PC with free serial port.

Optional Features

- ⤴ Higher current potentiostats:
 - ⤴ 2A Potentiostat, 500mA per channel
 - ⤴ 5A Potentiostat, 1.25A per channel
- ⤴ Rack mounting

Also available in 8, 12, 20, 24 or 28 channel configurations.

Please visit our website for more detailed technical information.



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