
Pot 16 Mono



FEATURES

- **1 Potentiostat**
- **16 ZRAs**
- **100 mA per Channel**
- **High Impedance RE**
- **Fixed Potentials**
- **Very Stable**
- **Measure Current**
- **Measure RE**

DESCRIPTION

The Pot 16 Mono Cell is able to perform Cathodic Disbondment tests on up to 16 test electrodes in the same test tank. The instrument is capable of monitoring the individual current response from each of the 16 electrodes. Each of the 16 channels can be operated as if they are individual channels and switched off or on as required, thus enabling new tests to run alongside tests that have already been running for several weeks.

The polarisation potential is set via a ten turn dialled knob on the front panel that controls the global polarisation potential of all 16 electrodes between 0 to -5V. In other respects the Pot 16 Mono Cell is the same as for the standard Pot 16.

APPLICATIONS

- **Cathodic Protection**
- **Coating Disbondment**
- **Cracking**
- **Metal Leaching**
- **Quality Control**
- **Standard Tests**

Running 16 channels in a single test cell has some advantages in that it is easier to run a single test cell and periodically replace some of the test solution.

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% non-linearity
Potentiostat	
Current Output	\pm 2.0A
Operational Temperature	-5 $^{\circ}$ C to 72 $^{\circ}$ C
Calibrated Temperature	25 $^{\circ}$ 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 Extras

- ⤴ Higher power 5A potentiostat, 300mA per ZRA
- ⤴ Rack mounting

Please visit our website for more detailed technical information.

