
Pocket Machine

FEATURES

- 10mV Square wave LPR
- Test Length: 40 sec
- 200mA ZRA
- Simple to Use
- Reliable Result



APPLICATIONS

- On-Site
- Pipeline
- Marine
- Pylons

DESCRIPTION

This battery powered instrument features measurement of Linear Polarisation Resistance and ZRA currents for the determination of corrosion rates and galvanic currents. Incorporating a lithium battery and LCD screen taking a reading of corrosion rate is simply a matter of pressing one button, once. After 40 seconds the corrosion rate is displayed on the screen, 40 seconds later the instrument turns itself off.

Housed in a small pocket sized case this light but tough instrument may be taken to places other corrosion monitoring instruments cannot reach. Ideal for issuing to non-technical staff for routine corrosion logging the simple Pocket Machine fits neatly into its protective case.

Measuring LPR via the well established 2 electrode square wave method and galvanic currents by utilising a built in high precision Zero Resistance Ammeter the internal potentiostat. The instrument is calibrated for use with 4.5 cm² electrodes. Simple conversion factors supplied with a brief manual can be used for electrodes of different areas or materials. Supplied with a small carrying pouch and electrode cable terminating with a standard 6 pin Amphenol socket for connection to most corrosion probes.

Technical Specifications	
Dimensions	18 * 8.5 * 3 cm
Power Supply	9V PP3 (10 years, 4000 measurements)
Weight	300 grams
LPR Reading	0 - 200 mpy
ZRA Range	0 - 200 µA

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