

LPR Meter

FEATURES

- **Battery Powered**
- **Two mpy ranges**
- **2 or 3 electrode**
- **Corrosion rate**
- **Pitting Factor**



APPLICATIONS

- **Corrosion**
- **On Site**
- **Concrete**

DESCRIPTION

This instrument is at home on the laboratory bench or out in the field. Provided with an internal lead-acid battery and mains charger the LPR Meter is a truly portable corrosion monitoring system. Using the well proven and liked method of Linear Polarisation Resistance to determine the corrosion rate the instrument is ideal for day to day testing.

Housed in a modern slim-line case with carrying handle and brushed aluminium front panel the LPR Meter looks professional, ideal for impressing clients and management.

The corrosion rate is shown on the centrally mounted LCD display, for confidence an accurate test cell is built into the front panel, simply plug the coiled test lead into the test cell socket and start the test, one minute later the result is obtained on the LCD. Two mpy ranges, 2 or 3 electrode, flush or standard probe and corrosion rate or pitting factor are provided on the front panel switches. To enable use with remote monitoring systems or data loggers two useful outputs are provided, 4-20 mA and 0-10 Volts reflecting the LCD display.

Technical Specifications	
Dimensions	28 * 26 * 12 cm
Power Supply	Internal Battery. 110 or 240 specified with order
Weight	1.2 Kg
LPR Range	2 mpy & 200 mpy
LPR Polarisation	± 15mV
Electrode Area	4.5cm ²

ACM Instruments

125 Station Road, Cark, Grange-over-Sands, Cumbria, LA11 7NY, United Kingdom.
 r.p.gill@acminstruments.com www.potentiostat.com
 Telephone: +44 (0)15395 59185 Fax: +44 (0)15395 58562