



Overview

1 Module



2 Modules



4 Modules



Potentiostat

- Used for coating research experiments
- Manual operation only
- Specially designed for Cathodic Disbondment Test
- Compliant with ISO, ASTM, DIN, VDA
- Multichannel system (1-4 channels per housing)

Description

The **PG-M 100** is a very simple device, which is used for series measurements. Here, the focus is on hold experiments (e.g. research of coatings) and the CD-Test. The settings have to be made manually.

The measurement values can be read from the two digital displays for current and potential. The potentiostat has a maximum current of ± 100 mA with a compliance voltage of ± 11 V. It has two current ranges, namely 100 mA and 20 mA. A light-emitting diode is used as an indicator of the internal potential = OCP and as overload display. For the adjustment of potential a nominal voltage generator with ± 2 V is used.

Technical details

Output parameter	
Compliance voltage	± 11V
Polarisation ranges	Potentiostat: ± 2V Galvanostat: ± 150mA
Current ranges	2 ranges, 20 mA and 100 mA
Resolution	0.01 mA
Supply parameter	
Supply voltage	115/230V, 47–53 Hz, IEC connector
Supply current	1 A
General parameter	
Modes	Potentiostat and Galvanostat
Impedance analyzer	None
Electrode connections	CE, RE, WE
Floating mode	No
Additional information	Compliant with ISO, ASTM, DIN, VDA

Accessories

Cathodic Disbondment Test Cell

Test cell for tests according to DIN Norm 30670, DIN EN ISO 15711, ISO 21809 Part 1 Annex H, ASTM G-8, ASTM G-42