

4ch Crevice Corrosion Re-passivation Potential Measurement System

SERM-614 Specifications

【Overview】

Simultaneous measurement of re-passivation potential on 4 channels for crevice corrosion of metal materials.

【Structure/Appearance】



【Specifications】

Function	Corrosion crevice re-passivation potential measurement
Number of input channels	4ch(Each Channel Independent)
Maximum Output	$\pm 10V$ 、 $\pm 200mA$
Current Detection Range	100mA、10mA、1mA、 $100\mu A$ 、 $10\mu A$ 、 $1\mu A$ Total 6 Ranges
Maximum Control Voltage	$\pm 2.5V$
Potential Detection Method	Differential Method
Electrometer Input Resistance	$10^{11}\Omega$
Connecting Method	WE Ground、CE Ground
Size	370mm(W) \times 330mm(D) \times 100mm(H) (Excluding Protrusions and Cables)
Weight	App. 3.6kg

【Control Software Specifications】

Measuring Interval	1 second ~
Maximum Number of Sample	Depending on the storage of Hard Disk (With 10 seconds interval, App. 6MB per month)
Data Display Method	Time Change Graph, Digital Display
Connection Method Setting	Switching function between WE ground and CE ground
Independence between Channels	Fully Independent Operation Possible
Data Format	CSV Format
Utility Software	Data Editing Utility Included

【Equipment Set Sample】

SERM-614 (Main body)

Power Supply Cable



○Accessories

Measuring Cable

○Separated Purchase Required

Output BNC Cable, Power Supply Cable

※It is recommended to purchase the specified products for compatibility with the equipment.