proceq
A Screening Eagle Company



Half-cell Corrosion Potential

Profometer Corrosion

Advanced half-cell measuring instrument for on-site mapping of the corrosion potential

Productivity

High productivity with unique wheel electrodes and optimized workflow

Efficiency

Advanced processing and custom reporting tools with exportable graphs and charts

Future readiness

Easy upgradable with cover meter functionality for combined testing



Tech Specs

Display unit	7” color rugged touchscreen unit (800 x 480 pixels) with a dual-core processor, IP54
Special Features	Support for Copper/Copper sulphate, Silver/Silver chloride and SCE Calomel electrodes Corrosion scan heat map view Distribution and cumulative distribution view for determination of threshold potentials Chipping graph view for display of corroded areas based on the analysis
Display unit specs	Voltage measuring range: -999 to +999 mV Memory: Internal 8 Gb flash memory Voltage resolution: 1 mV Input impedance: 100 mΩ Sampling rate: 900 Hz Power input: 12V ±25% / 1.5 A Dimensions: 250 x 162 x 62 mm Weight: 1525 g Battery: 3.6 V, 14 Ah Battery lifetime: > 8h Humidity: <95% RH, non condensing Operating temperature: -10°C to +50°C
PC Software	Profometer Link Reporting software for data analysis, merging of corrosion scans for large areas and irregular geometries, customized reporting and export to third party software



Instrument
Tech Specs

Measured Quantity	Corrosion potential [mV]
Accuracy	±1 mV
Instrument Firmware	Intuitive user-friendly interface for data acquisition Optimized workflow for rod and wheel measurements Customizable text can be entered for any specific locations Flexible features enable the mapping of any irregular geometry Improved digital filtering to remove the effect of external noise (civil and industrial power sources) Create custom reports with exported graphs and charts
PC Software	Profometer Link Reporting software for data analysis, combined data evaluation, and reporting on any third party software
Display	7” color rugged touchscreen unit (800 x 480 pixels) with a dual-core processor
Memory	Internal 8 GB flash memory
Connections	USB host/device and Ethernet
Measuring Range	-999 to +999 mV
Probes / Electrodes	In addition to the basic rod electrode, the use of Proceq’s unique one and four-wheel electrodes enable the highest on-site productivity in large areas

Standards & Guidelines	Description
ASTM C 876-15	
DGZfP B3	
JGJ/T 152 (China)	
JSCE E 601	
RILEM TC 154-EMC	
SIA 2006 (Switzerland)	
UNI 10174	
ОДМ 218.3.001-2010	

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