



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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