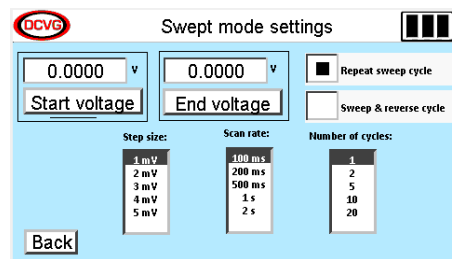
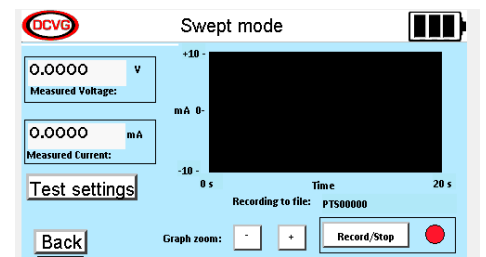
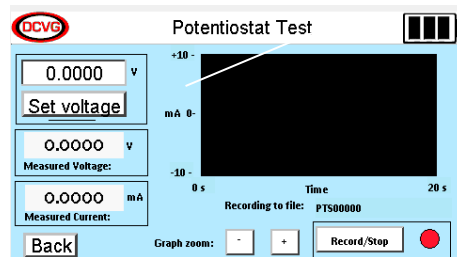
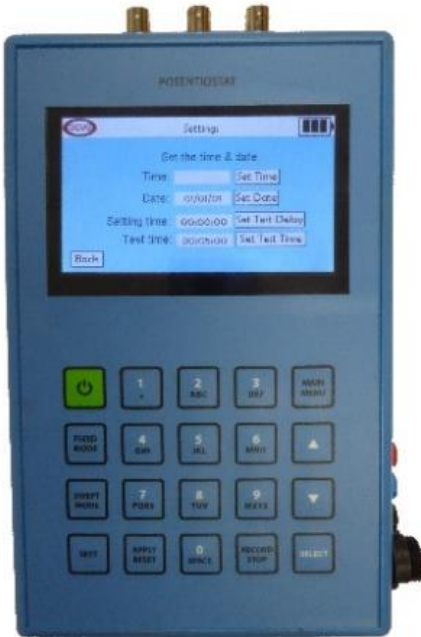




Potentiostat

Graphical Instrument that controls the voltage between two electrodes

Touch Screen Technology



The Potentiostat comes in its own protective case with all components required to carry out Electrochemical Analysis measurements.



Contact DCVG Ltd For Pricing & More Details About The Potentiostat

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Website: www.dcvg.com



- When the Potentiostat is connected to the ProCoMeter it can assess the corrosive status of a metallic structure under an insulated coating.
- The Potentiostat with the DCVG Ltd ProCoMeter can be used to assess the protective coating condition on pipelines, bridges, lampposts, aircrafts, trains, buses, cars, artefacts/relics, ships, bridges, trains, trams, etc.
- The Potentiostat utilises a voltage-controlled reference electrode (REF) to maintain the potential of a test specimen. The non-intrusive configuration means a current measurement can be measured through a counter electrode (CE) from a working cell.
- The Potentiostat is powered by rechargeable batteries (10 hours battery life) making it a portable, flexible device. Mains power charger included.
- Various settings can be adjusted in the Potentiostat including the starting/ending voltage, step size, scan rate, number of cycles and recording test time.
- The ProCoMeter can be adjusted to either a fixed potential or a swept test sequence. The fixed Potentiostat mode can be used in conjunction with a DCVG ProCoMeter device SC-Single Cell configuration. The Swept mode sequence can set a starting voltage and ramp to an ending voltage(Voltammetry). Repeat ramp cycles can be set or a reverse cycle mode.
- Several test cycles can be set and recorded within the portable Potentiostat device. Analysis can be accessed via USB data retrieval.
- Real time graph plotting with advanced capacitive touch screen display and 8GB internal memory.



**ProCoMeter & Potentiostat
Connected**

Specification of Potentiostat device

- Voltage range: $\pm 2.5V$.
- Voltage accuracy: 0.1mV.
- Current measurement capability: $\pm 10\mu A$ to 15mA.
- Battery level indication.
- Battery charging indication.
- External voltage measurement point, electrometer isolated differential outputs for data acquisition.