

DC Meter (DCM)

Making electronic diagnostics for EOD applications simple

KEY FEATURES

- › Enhanced technical specifications for EOD diagnostic procedures
- › Reduced internal resistances for inline current measurements
- › Probe detection and isolation feature for voltage, current and resistance measurements
- › Full functionality self-test on start up
- › Internal hot-chargeable lithium-ion battery
- › Low profile 3 button user interface

TECHNICAL SPECIFICATION

- › Weight: 338g (11.92oz)
- › Dimensions: 118mm x 72mm x 45mm (4.65" x 2.83" x 1.77")
- › Operational temperature range -10°C to 40°C (14F to 104F)
- › 6 hours of operational use
- › Ruggedised PA12 enclosure
- › Insulated stackable banana plug connectors to prevent unintended connections
- › Supplied with 1m test leads in either ultra-flexible silicone or hardwearing PVC
- › Diagnostics and calibration via micro-USB port
- › Battery percentage displayed during use
- › All PCBs and soldering adhere to IPC-3 standards (aerospace, military and medical applications)
- › DCM undergoes detailed calibration and testing. Individual test records are stored and available upon request

NSN: 6625-99-443-6343
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For further product information
or demos, contact:

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VOLTAGE

- › Operational range +/- 100V DC
- › Maximum resolution of 1mV DC
- › Internal resistance >10M Ω
- › Measurements displayed in base SI units V

CURRENT

- › Operational range +/- 1A DC
- › Maximum resolution of 1 μ A DC
- › Measurements displayed in pre-fixed SI units mA
- › Low internal current sense resistors – normal mode 0.1 Ω , precision mode 10.1 Ω
- › Industry standard – normal mode 1.8 Ω , precision mode 100 Ω
- › Ability to switch between normal current mode and precision current mode without breaking the circuit
- › Recommends precision current mode when measuring <10mA
- › Safety feature: Will not go into precision mode when measuring \geq 10mA

RESISTANCE

- › Operational range 5M Ω
- › Maximum resolution 0.01 Ω
- › Auto-ranging capability Ω /K Ω /M Ω
- › RDT resistance matching function



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TECHNOLOGIES

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