



## The Quantum IV BIA Analyzer

### Features:

- 4 line by 20 character backlit LCD display shows resistance, reactance, impedance, and phase angle simultaneously.
- Programmable idle timeouts allow you to decide how long it stays on before turning itself off.
- BIA analyzer that measures simultaneous resistance and reactance from 0 to 1000 ohms with 0.1 ohm resolution.
- Automatic absolute calibration (optional) using precision reference components that determine full scale resistance and reactance including absolute zero ohms.
- Rechargeable Lithium-Ion batteries that can run the Quantum IV for 4 continuous hours (minimum) and be fully charged in 2 hours from a small universal power supply (90-240 VAC).

### Advantage:

- Accurate - Self calibrating and internal diagnostics to assure the highest level of accuracy, dependability and reliability.
- Portable - Rechargeable internal battery can run for 4 continuous hours on a 2 hour charge.
- Easy to use - The Quantum IV is comfortable to hold (860 grams)



## Specifications

### Constant current accuracy

Nominal: 425 microamp at 50 Khz  $\pm$  1 %

Regulation: better than 0.1 %

Range: 0 to 10,000 ohms, resistive or capacitive

### Resistance accuracy

Nominal:  $\pm$  0.1 ohm

Range: 0 to 1000 ohms

Resolution: 0.1 ohm

### Reactance accuracy

Nominal:  $\pm$  0.5 ohm

Range: 0 to 1000 ohms

Resolution: 0.1 ohm



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