



Quantum II

The Quantum II is the new standard for whole body bioelectrical resistance and reactance measurements. Accuracy and ease of use are the key features of the Quantum II. Therefore, extremely small changes in body composition can be illustrated due to the instrument's exceptional repeatability.



Features of the Quantum II

- § Measures resistance and capacitive reactance directly.
- § 50 KHz sinusoidal, extremely stable phase sensitive electronics.
- § Subject is isolated from all electronic components with RJL Systems passive isolation technology.
- § Single 9 volt alkaline battery. (included)
- § Large 3.5 digit display.
- § Membrane push button switches for "touch and run" operation.
- § Advanced power management with auto shut-off (extending battery life).
- § Detects when the subject is connected and instantly shuts off when the subject is disconnected.



Specifications

Automatic off

When no subject is connected: 5 seconds

When the subject is disconnected: instant off

When a subject is connected: 5 minutes

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 1.0 ohm

Range: 0 to 1000 ohms

Resolution: 1 ohm

Reactance accuracy

Nominal: \pm 1.0 ohm

Range: 0 to 1000 ohms

Resolution: 1 ohm

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