



BCM 6300

Features

- Right Device to Know the TRUE-LIFE of Battery Capacity (Internal Resistance / Voltage & Temperature) Simultaneously Measured
- 4 Wire Kelvin measurement
- On-line Testing without shutting down battery
- Auto Ranging
- Large LCD with backlight
- Built-in Comparator Function
- Rates Condition as PASS, WARNING or FAIL
- Compact and Lightweight
- Auto Power Off
- Data Hold and Low Battery Indication

Specifications

Battery Types Tested	Lithium Batteries, Nickel-Cadmium Batteries, Lead-Acid Batteries, Alkline batteries or other types of Batteries etc.
Resistance	Ranges : 19.999mΩ, 199.99mΩ, 1.9999Ω, 19.999Ω and 199.99Ω (Auto Ranging) Resolution : 1μΩ, 10μΩ, 100μΩ, 1mΩ and 10mΩ Accuracy : ± (0.8% + 10 dgt) on all ranges except ± (1% + 10 dgt) for 19.999mΩ
Measurement Condition	Current : 50mA, 5mA, 500μA and 50μA Frequency: 1KHz AC ± 10%
Voltage	Measurement : ± 0.000V to 99.999V AC Resolution : 1mV DC Accuracy : ± (0.5% rdg + 5 dgt) Maximum Display Value : ± 99.999V DC
Ambient Temperature Measurment	Range : -10°C to 50°C Resolution : 0.1°C Accuracy : ±1.5°C Maximum Display Value : 50.0°C
Measurment Speed	3 Times / Second
Open Circuit Terminal Voltage (AC)	≤ 2.5V _{pp}
Comparator Settings	Resistance High and Low Limits and Voltage Throughhold Point
Number of Comparator Settings	30 Sets
Operating Environment	0°C to 40°C (32°F to 104°F1, 80% RH or Less, Non-Condensing
Storage Environment	-10°C to 50°C (10°F to 122°F1, 80% RH or Less, Non-Condensing
Maximum Input Voltage	100V DC
Power Supply	Six 1.5V "AA" Size Batteries
Battery Life	9 Hours (approx.)
Dimensions	175 x 40 x 105 mm (approx.)
Weight	490gms Including Batteries (approx.)
Accessories	Kelvin Four Wire Test Lead x 1 Pair, Kelvin Four Wire Pin Type Test Lead x 1 Pair, Kelvin Four Wire Big Alligator Test Lead x 1 Pair, Test Jig For Alkaline Batteries x 1 pc, Batteries (installed) and User Manual x 1