



MONARCH MODEL 32 BATTERY TESTER

Test Lead Acid, Ni-CAD, Li-ION and NiMH Batteries.

Model 32 is designed to measure the internal resistance and open-circuit voltage of secondary batteries. AC four terminal method is used to measure internal resistance; this eliminates lead and contact resistances.

The **Comparator Function** can be set to specific resistances and voltage values in order to measure deterioration in battery performance. This powerful feature can also be used as a quality standard when testing multiple batteries.



SPECIFICATIONS	
Battery Capacity	0 to 500AH
Resistance	Ranges: 40mW, 400mW, 4W, 40W Resolution: 10mW, 100mW, 1mW, 10mW Accuracy: +/- (1%reading + 8digits) on all ranges.
Measurement	Current: 50mA, 5mA, 500mA, 50mA Frequency: 1KHz Accuracy: +/- 10%
Voltage	Measurement: 4V, 40V Resolution: 1mV, 10mV Accuracy: +/- (0.1%rdg +/- 6digits)
Open Circuit Voltage	<= 6V
Data Memory	999 data sets
Continuous Data Memory	6000 data sets (only use PC download)
Comparator	Setting: Resistance upper and lower limits and voltage throughhold limit Memory: 99 sets of values
Operating Environment	0°C to 50°C (32°F to 122°F), 80%RH or less, non-condensing.
Maximum Input Voltage	50VDC
Power Supply or AC Adapter	Six size AAA 1.5V
Battery Life	7 hours
Dimensions / Weight	Approx. 250(L) x 100(W) x 45(H)mm Approx. 500g including batteries.

Model 32 Battery Capacity Tester includes:
Meter, Test Leads, RS-232 Cable, Windows compatible software and latching carrying case.

