



## IBEX-1000EX Portable Resistance Battery Tester

Model # IBEX-1000EX



Eagle Eye's **IBEX-1000EX** is the most economic battery testing kit in the IBEX-Series portable battery testing line. The IBEX-1000EX accurately and quickly tests a battery's remaining service life while the system is online. Test Internal ohmic Resistance (R) or Conductance (Siemens), Connection Resistance, Jar Voltage (V), and Temperature in just 3 seconds. The IBEX is used in a wide-range of industries to ensure reliability of backup power systems, including utilities, telecoms, UPS and many more.

The IBEX is the smallest, fastest, most precise and easiest to operate battery tester in the market and it comes with the most

comprehensive battery management software available for trending batteries, creating reports, exporting to Excel and more. The handheld design is also the smallest in size and weight in the industry, with the fastest measurement speed. Easy-to-use menu options and a backlit LCD screen offer complete user-friendly functionality.

Resistance and voltage testing is critical to determining the health of your batteries. Use the IBEX-1000EX portable battery tester for your resistance and voltage testing. Ohmic resistance represents the condition or state-of-health of the battery. It exposes weaknesses in cell and intercell connections without stressing the battery. Voltage testing determines state-of-charge in volts. Irregular voltages can indicate problems within the battery. Lack of maintenance is the single largest contributor of premature battery failure. The IBEX-Series is extremely effective in preventing battery failure and is an essential component of any battery preventative maintenance program.

### The IBEX-1000 EX includes:

- IBEX-1000EX Body
- Li-Ion Battery Inside Body
- Soft Poly-Vinyl Bag
- 4-Pin Type Probe
- USB Cable to upload to a PC
- Bundled Software: Serial Comm
- Standard Charger (100 to 240 VAC (Voltage Alternating Current))
- Hard Plastic Carrying Case
- IBEX-1000EX User Manual

If your battery testing requires more accessories, features or memory, please see our other **IBEX-Series Portable Battery Testing kits**. The IBEX-Series has multiple kits that are designed to fit any need or budget, while offering the same accuracy, functionality, and testing speed throughout.

Technical Specifications	Advantages	Applications
<b>Technical Specifications</b>		
<b>Battery Types:</b>	VLA, VLRA, Ni-Cad, & Others	
<b>Measurement Range:</b>	Battery Capacity: 5 - 6000 Ah Voltage: 0 – 60 VDC Impedance: 0.001 – 999.9 mΩ	
<b>Accuracy:</b>	DC Voltage: ±0.5% Internal Resistance: ±1.0% Temperature: ±2.0%	
<b>Resolution:</b>	DC Voltage: 10 mV Internal Resistance: 0.001 mΩ Temperature: 0.5 °C	
<b>Test Speed:</b>	3 – 4 seconds per cell	
<b>Test Load:</b>	Less than 2 A per cell	
<b>Alarms:</b>	Voltage Over & Under Resistance Warning & Fail Temperature Over	
<b>Calibration Method:</b>	Auto Calibration	
<b>Data Transfer:</b>	<u>USB (Universal Serial Bus) Cable to PC (Personal Computer)</u>	
<b>Display:</b>	Backlit LCD	
<b>Internal Storage:</b>	600 Test Results 4 Battery Models (for alarm settings)	
<b>Operating Environment:</b>	-20 – 80 °C (-4 – 176 °F)	
<b>Power Requirements:</b>	Li-ion Battery Pack (2200 mAh, 11.1V) 3 – 4 Hours of testing	
<b>Dimensions:</b>	175 X 95 X 42 mm (6.8 x 3.7 x 1.6 in)	
<b>Weight:</b>	0.65 kg (1.4 lbs)	



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