

IBEX-Pro Portable Resistance Battery Tester

Model # IBEX-PRO



Eagle Eye's **IBEX-Pro** battery testing kit is an affordable portable testing solution that offers battery management software and numerous accessories to offer a complete battery testing package. The IBEX-Pro 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-Pro is used in a wide-range of industries to ensure reliability of backup power systems, including utilities, telecoms, UPS and many more.



The IBEX-Pro Battery Testing Kit includes Exmons Pro comprehensive diagnostic software. Exmons Pro software allows for data management, trending analysis, viewing graphs, creating reports and exporting to Microsoft Excel. Exmons allows the user to easily identify problematic cells and ensure the integrity of your

backup battery systems. Exmons is easy-to-use and offers customization to meet any company's report generating needs.

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 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. Save up to 600 measurement results and four alarm settings with the IBEX-Pro. (The similar **IBEX-1000** battery testing kit offers less accessories and testing probes.)

The IBEX-Pro Battery Testing Kit includes:

- IBEX-Pro Body
- Li-Ion Battery Inside Body
- Soft Poly-Vinyl Bag
- Shunt (50mV/50A, 1mΩ, 1.0 Class)
- Spare 4-Pin Test Lead Tips
- Spare Li-ion Battery
- IR Printing Capability
- IR Thermal Printer
- Paper Rolls for IR Printer
- 220V AC Standard Charger for IR Printer
- 4-Pin Test Leads
- Clip Type Probe
- Temperature Probe
- USB Cable to upload to a PC
- Serial Comm Excel Software
- Exmons Pro 2005 Diagnosis Software
- Standard Charger (100 to 240 VAC (Voltage Alternating Current))
- Hard Plastic Carrying Case
- IBEX-Pro User Manual

Ensure you are testing per IEEE standards. The IBEX-1000 Pro meets [IEEE \(Institute of Electrical and Electronics Engineers\) Standards for "Recommended Practice for Maintenance, Testing and Replacement for Stationary Applications."](#)

Resistance and voltage testing is critical to determining the health of your batteries. Use the IBEX-Pro 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.

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

Technical Specifications

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

