

The Most Accurate Way To Find Bad Batteries...

Now In Portable Form

BTECH's S5 Series Portable Impedance Tester (PIT) has been designed with BTECH's patented impedance measuring technology proven in over 3000 battery monitoring systems installed worldwide. Using the same software package as our monitoring system, your technicians have a simple tool to manage your battery systems.

Why BTECH is the World Leader

We're Proven: Over 3000 Monitoring Systems Installed Worldwide

We're Superior: BTECH's patented impedance method provides rock solid data accuracy and stability

We're Non-Destructive: Unlike the competition, our load signal is automatically optimized to the batteries you are testing and never subjects your batteries to a discharge below open-circuit voltage.

We Know Your Batteries: With more experience than anyone in the business, our sales and service staff is there for you when you have questions.

Key System Features

- BTECH's patented Impedance Measurement Technology in portable form
- Measures Key Battery Parameters including Total System Voltage, Individual Cell Impedance and Voltage in one test
- Links to BTECH's legendary BVM 4.1 software suite for reporting and trend analysis
- Ambient Temperatures
- Auto unit sensing
- Automatic load selection
- Cross-validates battery data
- "No Miss" reference lead testing
- "Single Pass" non-destructive testing
- Multi-site memory (15)
- (8) Hour battery life
- USB and Serial interface



BTECH Monitoring System Testimonials

"In 1995 we purchased the B-Tech monitoring system for each of 5 UPS units with more than 300 batteries in the system for our corporate offices. Since their installation we have not had one battery related outage of an operating UPS unit.

The B-Tech system has fore warned of more than 30 potential battery failures allowing us to replace batteries before they fail...The only way to know how your batteries are performing is to monitor their performance on weekly basis. B-Tech has provided flawless service in maintaining our battery back-up systems."

Ken Rheault, Consumers Energy

"BTECH's Battery Monitoring Systems have proven to greatly reduce battery maintenance costs, extend the life of the batteries and virtually eliminate battery failure by being able to predict precisely which cells need to be replaced in advance. Based on our experience, I highly recommend BTECH Battery Monitoring Systems"

S. Alim, Manager of Engineering, ADP

SYSTEM SPECIFICATIONS

Model: S5 PIT

DC Voltage Measurements:

- Unit Voltage: +/- 24VDC with Resolution 10mVDC
- System Voltage: +/- 600VDC with Resolution 100mVDC
- Unit/System Accuracy: +/- 0.1% Full Scale
- Unit in String Sensing: Auto and Manual

Impedance Measurement:

- Load Current: Auto ranges 10,5,1, or 0.5 Amps
At 216 Hz for 2 Seconds
- Unit Impedance: 1uOhms to 88.86mOhms
with resolution of 1uOhm
- Interconnect Impedance: Same as Unit Impedance
- Impedance Accuracy: +/- 10uOhm
- Impedance Multiplier Correction: +/- 0.1%
- Cell Types: All from 2 to 16VDC
- Calibration: Continually self calibrating AC offsets
- Protection: Against over Voltage and Reversed Leads

Power Requirements:

- 85-265 VAC 50-60Hz
- Internal Rechargeable Battery
- 12VDC Automobile charger

Environmental:

- Operating: 0 to 40 deg C at 0 to 80% RH (non-condensing)
- Storage: -20 to 60 deg C

Communications:

- Front: USB (Type B), Serial (DB-9F)

Software:

- BVM 4 Windows® based software package
designed for Windows® 2000 and higher