





CELLTRON™ ADVANTAGE DIGITAL BATTERY TESTER

The CELLTRON™ Advantage Digital is a fast, user-friendly, premium. handheld tester for measuring battery conductance, voltage, temperature and strap resistance in high-noise environments for a complete hattery state-of-health analysis. With the canability to test Valve Regulated Lead Acid (VRLA), Vented Lead Acid (VLA), and Nickle Cadmium (Ni-Cd) batteries, the CELLTRON™ Advantage Digital can measure battery voltage down to one (1) volt as well as measure inter-rell and terminal connection resistance



ACCURATE





HIGH NOISE

HIGHLIGHTS & TECHNOLOGY

The conductance-based diagnostics provided by the CELLTRON** Advantage Digital delivers a highly accurate and reliable predictor of the battery's end of life.

Built-in Wi-fi enables tester data to quickly and wirelessly be transmitted to and from the tester with no additional cards, cons. or hardware required.

The powerful dual-microprocessor architecture allows the tester to stand up to the high noise environments caused by UPS/battery systems and constant power supply switching (notorious for causing testers to fail).

APPLICATIONS



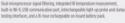












Cleaner, more precise battery state-of-health measurements are achieved through new "Edge Rejection" technology which filters out anomalies that can corrupt battery signal readings at both the beginning and end of each sample signal.

A fast-acting protection relay responds in milliseconds when a signal input in excess of Z5 volts is introduced through the testing probes, providing instant protection to both the device and the user.

The web-based UNITE" software is a sophisticated database with advanced data visualization took that accommodates Franklin's portfolio of industrial foll devices. It enables users to wirelessly pre-program site string details, export the details to the tester, and upload battery test for analysis and reporting.

Integrated lighted test interfaces allows the user to see battery post connections clearly in dark conditions.

Tests individual Lead-Acid or Nickel-Cadmium cells or Monoblocs (up to 16Volts) in any common configuration, approximately 10-60004h.





SPECIFICATIONS

Voltage Range

0.8 - 23.5 Volts DC

Conductance Range 100 - 19 990 Siemens

• 100 - 13,330 Ziellieliz

Test Data Storage • 50 string locations of 240 test results

- Stored internally
- Unlimited transfer to USB drive

Accuracy

+/-2% across test range, voltage & conductance

Voltmeter Resolution

5mV

User Programmable Functions

- Preset values for over 250 hattery types
- Low voltage alarm setting
- Low conductance warning
 Low conductance failure
- Test mode (pushbutton/auto start)

Cable Options

- Dual contact clamps
- Dual contact probes
 Custom cables by quotation

Power Requirements

- 7.2V. 2300mAh, NiMH
- Internal swappable battery & charger

LCD Display

- 2.97 in x 2.81 in (75.4 mm x 71.3mm)
- 128 v 128 nivels
- 40 degree viewing angle
- LED backlight

Keypad

- Alpha-numeric
- · Stainless-steel dome
- Polyrarhonate overlay
- 1,000,000 actuations

Data Transfer

- Wifi
- USB 2.0 Flash Drive (Type A)
- USB 2.0 PC Interface (Type B)
- Infra-red
- Half-duplex IrDA protocol for optional printer

Environmental Operating Range

- 0 to +104°F (0 to +40°C)
- 95% relative humidity
- Non-condensing

Storage Temperature

-4 to 180°F (-20 to 82°C)

Over Voltage Protection

- Auto-reset disconnect
- Reverse polarity protected

Housing Material

- Acid-resistant ABS plastic
- Santoprene™ overmold

Tester Dimensions Ilin x 4in x 3in

(279mm x 105mm x 80mm)

Tester Weight

. 2.6 lb (1 Kg)

Languages

- English
- Spanish
- German
- Polish
- Portuguese
- Dutch
- Russian
- French





COMPONENTS & DIMENSIONS



- Port access door
- S USB A port (data storage/transfer)
- (USB B port (PC connection)
- On-board re-charging port
- Rubber handle grip
- (D) Side vent Rear vent
- Rechargeable battery pack
- Interchangeable cable port





SOFTWARE, APPLICATIONS & TOOLS

All CELLTRON® Advantage Digital Battery Testers come fully-loaded with these standard applications and tools for quick testing, tester customization, and easy data management.



BATTERY TEST

Standard, conductance-based hattery testing



DATA MANAGER

Upload, download, and delete testing data.



BATTERY MANAGER

Select from a library of preloaded battery manufacturers and types.



REPORTS

Generate reports for individual hattery string results.



THRESHOLDS

Set tester thresholds for voltage, conductance, and temperature.



DUICK TEST

Start a test on a single cell or monoblock without setting up a site



Set up favorites for quick 229336



AUTOSTART

Set the tester to activate a test process on contact.



SITE TRENDING

Effective trend analysis including test comparisons in one screen.



Record cell voltages on a

timed interval during a capacity load test.



GEN START

Test the state of health of generator starting batteries.



DIGITAL MULTIMETER

Accurately measure a battery's DC voltage.