Franklin Electric
GRID SOLUTIONS

CELLTRON ADVANTAGE
DIGITAL

BATTERY TESTER

SCAN FOR VIDEO

CELLTRON ADVANTAGE DIGITAL

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 battery state-of-health analysis.

A COMPREHENSIVE BATTERY TESTING TOOL

With this lightweight handheld tester, users can quickly conduct a full battery performance assessment that can be uploaded wirelessly to the web-based UNITE™ database for centralized data storage, proactive maintenance planning, and compliance reporting.

ACCURATE CONDUCTANCE TESTING

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

DIGITAL SIGNAL FILTERING

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.

SUPERIOR HARDWARE

Dual microprocessor signal filtering, integrated IR temperature measurement, built-in Wi-fi, USB communication port, and interchangeable light-up probe and clamp testing interfaces.

FASTER TESTING TIMES

Testing is carried out in a matter of seconds simply by connecting the two test leads (either by clamp or probe) to the battery's positive and negative posts.

LONG-LASTING

An on-board battery pack is designed and tested for a full day of testing with 8 hours of service life per charge. The battery pack can be recharged directly through the tester or with a desktop charger.

HIGH NOISE IMMUNITY

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).

WIRELESS COMMUNICATION

Built-in Wi-fi enables tester data to quickly and wirelessly be transmitted to and from the tester with no additional cards, cords, or hardware required. Wi-fi also enables over the air (OTA) tester firmware updates to keep up-to-date with the latest apps and tools.

DEVICE & USER PROTECTION

A fast-acting protection relay responds in milliseconds when a signal input in excess of 23.5 volts is introduced through the testing probes, providing instant protection to both the device and the user.

REMOTE BATTERY MANAGEMENT

The web-based UNITE™ software is a sophisticated database with advanced data visualization tools that accommodates Franklin's portfolio of industrial IoT 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.

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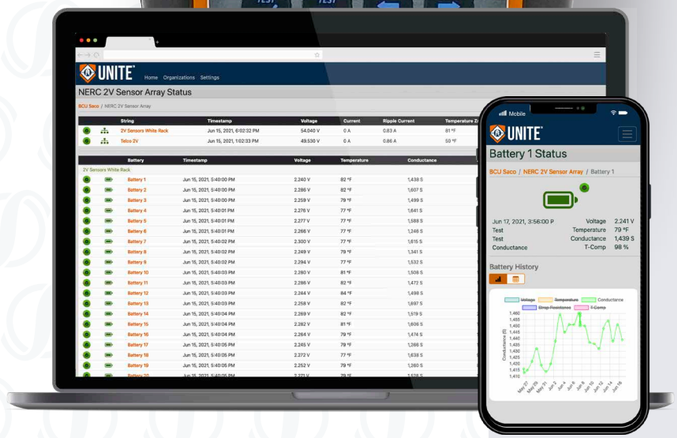
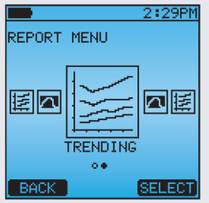
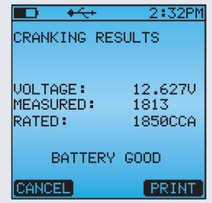


HIGHLY CAPABLE

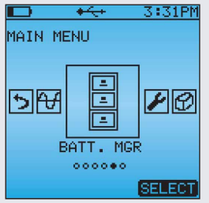
Conduct a variety of battery testing types, remotely configure the tester to your specifications, and manage and transfer data using the LCD screen, touch pad, and Wi-fi capability.



SITE TRENDING
Effective trend analysis including test comparisons in one screen.

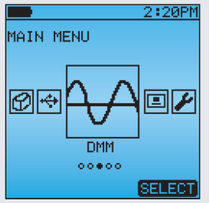


GENERATOR START
Test the state of health of generator starting batteries.



BATTERY MANAGER
Select from a library of pre-loaded battery manufacturers and types.

REPORTS
Generate reports for individual battery string results.



DIGITAL MULTIMETER
Accurately measure a battery's DC voltage.

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

FAVORITE SETUP
Set up favorites for quick access.

AUTOSTART
Set the tester to activate a test process on contact.

INCLUDED IN THE KIT

Each kit comes complete with everything needed for testing, packaged in a ballistic nylon backpack with customized inserts fitted for the tester and accessories for easy transportation.

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3760 Marsh Rd. • Madison, WI 53718
www.franklingrid.com • +1 844.344.5025

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