

ALPHA Battery Testing Equipment

- Complete battery life trending through combined conductance and load tests
- Non-intrusive conductance measurements do not reduce string life
- Quick, accurate measurements and data recording reduce on-site time
- Simple pinpoint testing requires only two battery posts or straps
- Enables early detection of questionable batteries in the network



FEATURES AND BENEFITS

Simple - One-step testing, no instrument inputs or adjustments required.

Quick - Battery voltage and conductance displayed in less than 10 seconds. Test an entire 48V string in less than 1 minute.

Safe - Utilizes patented conductance technology, a passive method that minimizes technician risk.

Accurate - Field test proven to $\pm 2\%$ accuracy across test range. Conductance method recognized by IEEE standard for the testing of lead acid batteries with method recognized by IEEE standard for the testing of lead-acid batteries with proven correlation to battery capacity.

Economical - Efficient and accurate battery tester priced to fit into every technician's tool kit.

SPECIFICATIONS

MODEL	CELLTRON ESSENTIAL	CELLTRON ADVANCED
Model Number	CTE-1200AT (tester only) CTE-2200AT (kit) CTE-3200AT (kit)	CTA-2000AT (tester only) CTA-4000AT (kit)
Applications	Tests 6 & 12V batteries with data retention	Tests individual acid cells or monoblocs (up to 12V) in any common configurations
Voltage	1 to 15VDC	1 to 15VDC
Conductance	100 to 9,999 Siemens	100 to 19990 Siemens
Test Data Storage	Up to 144 consecutive tests can be stored internally	Up to 480 consecutive tests
Accuracy	$\pm 2\%$ across test range	$\pm 2\%$ across test range
Voltmeter Resolution	10mVDC	20mVDC
Environmental	0 to 40°C, 95% relative humidity, non-condensing	0 to 40°C, 95% relative humidity, non-condensing
KIT CONTENTS		
CELLTRON ESSENTIAL KITS		CELLTRON ADVANCED KIT
CTE-2200AT	CTE-3200AT	CTA-4000AT
Contains	Contains	Contains
CTE-1200AT tester PowerSure Software Infrared PC data cable	CTE-1200AT tester PowerSure Software Infrared PC data cable High speed printer Temperature sensor	CTA-2000AT tester High speed printer Temperature sensor Clamps and probes

