

Alber delivers the solutions you need...

The CRT-400, Alber's handheld Cellcorder, utilizes the well-proven and patented DC resistance test to eliminate the guess work when trying to identify a failing battery.

- Designed specifically to comply with IEEE Recommended Practices for Battery Maintenance and Testing
- DC resistance test proactively identifies failing batteries
- Designed for use in all industries

System Measurements

- Float Voltage Readings
- NiCad's to multicell modules (16V)
- Internal Cell Resistance Measurement
- Intercell Resistance Connection
- Intertier Resistance Connection

Battery Analysis Software

- Full featured software easily identifies problem cells
- Built in report generator creates tabular or graphical reports
- Stores all historical data for trending and analysis as well as for warranty purposes and audits
- Import temperature and specific gravity readings into the BAS software for trending and analysis

System Advantages and Features

- Reliable readings even in the noisiest environments
- USB Flash drive for easy data transfer and storage
- Multiple test lead options and connections for all battery types
- Optional battery harness assembly increases efficiency and safety

Alber is about integrity, reliability and product innovation. It is our experience and proven technology that make the difference between unexpected failure and continued success!





Display

- **Type:** LCD - STN Reflective
- **Viewing Area:** 2.619" x 1.309"
- **Resolution:** Graphics LCD 128 x 64
- **Viewing Angle:** 40°
- **Backlight:** White LED

Memory

- **Type:** USB Flash Drive
- **Storage Capability:** 1MB per 71 strings with 256 cells
- **Data Retention:** 10 Years

Communications

- **Infrared:** PC interface for data transfer; Physical IrDA compliant for printer interface

Battery

- **Type:** 4 cell - 8800 mAh lithium ion
- **Voltage:** 4.2V
- **Charge Time:** 8 hrs

AC Adapter

- **Input Voltage:** 90 - 264VAC
- **Output Voltage:** 5VDC
- **Output Current:** 4.0 Amps
- **Frequency:** 47 - 63HZ

Environmental

- **Operating Temp:** 0°C - 40°C (32°F - 104°F)
- **Storage Temp:** -29°C - 60°C (-20°F - 140°F); For extended periods <25°C (<77°F)
- **Humidity Range:** 0% to 80% RH (non-condensing) at 0°C - 31°C; 0% to 50% RH (non-condensing) at 32°C - 40°C
- **Insulation Category II**
- **Pollution Degree 2**
- **Altitude:** 0 to 2000 meters above sea level

Packaging

- 305mm (12")H x 178mm (7")W x 76mm (3")D
- **Weight:** 1.5Kg (3.4lbs)
- **Keypad:** Rubber keys with polyurethane coating

System Measurements

Input	Test Current	Resistance Resolution ± 0.1% of reading	Voltage Resolution	Intercell Range/Resolution
2V	50A	± 5μΩ	0.1% - ± 1mV	2mΩ± 2μΩ
4-6V	25-30A	± 25μΩ	0.1% - ± 3mV	3.3mΩ± 5μΩ
8-12V	30-35A	± 75μΩ	0.1% - ± 6mV	5mΩ± 10μΩ
16V	5A	± 400μΩ	0.1% - ± 10mV	20mΩ± 20μΩ

Warranty

- **Type:** 1-year limited warranty

Ordering Information

- **1000-056:** Cellcorder including software, carrying case, USB Flash drive, battery charger, cables, test and voltage leads.

Optional Accessories

- **2027-014:** CRT BAS Software
- **2025-124:** Printer with IRDA interface
- **2023-036:** Bluetooth® Earpiece
- **2030-005:** USB Flash Drive
- **Various:** Spike Probe Options

Specifications subject to change without notice.

