

### 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.

