



Quickly Record and View DC Cell Voltages

- Measure, store and view voltages in less than 1 second
- Immediate audio and visual out of tolerance indication
- Date and time stamping of last reading

Quickly Upload and View Hydrometer Data

- Upload DMA-35 data via IRDA (no data module required)
- Upload DMA-35N-CRT data via RS-232 cable (data module required)
- Color-coded out of tolerance indication based on user defined limits
- Date and time stamping of uploaded data

Immediately Analyze Data Onsite

- Statistical Analysis (sum, average, max/min readings with cell number)
- Graphical Analysis (color-coded bar graphs Voltage, SG and Temp.)
- User programmable max. and min. limits (Voltage, SG and Temp.)

Easily Transfer Data Files to Alber Battery Analysis Software

- Transfer all or selected data files to a USB Flash Drive in .cdf format
- Transfer all or selected data files directly to Alber software via standard USB cable
- Configure CVR+ date, time, threshold via limits configuration



Physical

Dimensions	L 6.3 in. x W 3 in. x D 1.3 in.
Weight	10.5 oz.
Keypad	5 Key Membrane (tactile)

Display

Type	OLED 256K Color
Viewing Area	35mm by 28mm
Resolution	160 x 128

Memory

Internal	256K EEPROM
String Capacity	8 x 256 DC Voltage 8 x 256 SG and Temperature
Data Retention	10+ years (battery removed)

Real Time Clock

Precision	±3 seconds per month
Calendar	100 year with leap year detection
Time Retention	10 min with battery removed

Communication

Infrared	IRDA Obex for DMA-35 IRDA Raw for printer
RS-232	9600Baud for DMA-35n Module
USB Dual Role	Host for Flash Drive Device for PC Connection

Battery

Type	3 x AA Alkaline
Battery Life	15 hours (Approx.)
Auto-off	5 min with no activity

Environmental

Temperature Range:	
Operating	0°C – 40°C (32°F - 104°F)
Storage	20°C – 60°C (-20°F – 140°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
Altitude	0-2000 meters above sea level



Electrical Specifications

Input	VDC Resolution	VDC Accuracy
2V	1mV	±2mV
4-6V	1mV	±3mV
4-6V	1mV	±5mV
16V	1mV	±10mV

Warranty

1-year limited warranty

Ordering Information

Part# 2900-100

Cell Voltage Recorder Plus including software, carrying case, USB Flash drive, cables and test leads, quick start

Optional Accessories

4200-002
2025-124
2030-005

Battery Analysis Users Guide
Printer with IRDA Interface
USB Flash Drive

Alber Leads the Way. . .

As the only manufacturer offering comprehensive solutions for ALL accepted battery maintenance procedures, Alber continues to set the standard in battery testing and monitoring technology. Our broad range of products provides you every possible solution your business could ever need.