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1-877-805-3377



DLV-Max Battery Testing Kit



DLV-Pro Voltmeter &
 SG-Ultra Max Digital Hydrometer

Product Overview

The **DLV-Max Battery Testing Kit** includes the DLV-Pro data logging voltmeter with the SG-Ultra Max digital hydrometer for a complete solution to voltage and specific gravity testing. The DLV-Pro measures and records cell voltages in less than 1 second, enabling rapid testing of battery cell voltages. Voltages are recorded in two formats: 8 strings of 256 or 20 strings of 48 readings. Specific gravity and temperature readings measured from the SG-Ultra Max are directly uploaded to the DLV-Max in 8 strings of 256 format. Both voltage and specific gravity readings can be combined into a single report.

The DLV-Max kit can also be used to perform a full discharge test on up to 256 cells by recording up to 11 time-stamped voltage readings for each cell, along with time-stamped load current readings and initial and/or final SG readings via the SG-Ultra Max. All test data can be uploaded to a PC using the included Winmeter 5.1 Battery Analysis Software.

Features

- Record, view, & analyze cell voltage, SG, & temperature readings
- Record voltage in either 8 strings of 256 or 20 strings of 48 format
- Record SG in 8 strings of 256 format
- Perform a full discharge test & analyze results on-site during the test
- Easily transfer data files to Winmeter 5.1 battery analysis software
- Export test data to PDF reports or Excel spreadsheets
- Replay animated discharge tests



Generate Reports for Voltage, SG, and Temperature

| Technical Specifications | | |
|--------------------------|--|--|
| Item | DLV-Pro | SG-Ultra Max |
| Measurement Range | Cell Voltage: 0 – 20V | Density: 0.000 – 3.000g/cm ³ Temp: 0 – 80°C (32 – 176°F) |
| Accuracy | 0 – 4V: ±5mV 4 – 20V: ±10mV | Density: 0.001g/cm ³ Temp: ±0.2°C (±0.4°F) |
| Memory | Voltage: 8 by 256, 20 by 48 SG & Temp: 8 by 256 | 1024 Sequential Test Results |
| Operating Temp | 0 – 40°C (32 – 104°F) | -10 – 50°C (-15 – 122°F) |
| Battery Life | 3.7V Li-Ion Rechargeable, 20 Hours | Industrial (2) AA, 100 Hours |
| Size / Weight | 160 x 76 x 33mm (6.3 x 3 x 1.3in) 298g (10.5oz) | 140 x 138 x 27mm (5.5 x 5.4 x 1.0in) 368g (13oz) |

Kit Includes

- DLV-Pro Voltage Tester
- Voltage Test Leads
- SG-Ultra Max Digital Hydrometer
- Carrying Case
- Winmeter Analysis Software

Ordering Information

| No. | Model # | Description |
|-----|-------------|--|
| 1 | DLV-Max Kit | DLV-Pro Data Logging Voltmeter, 0 – 20 VDC SG-Ultra Max Digital Hydrometer, 0 – 3 g/cm ³ |

DLV-SERIES
 Portable Battery Test Kits