

SG-1000 Digital Hydrometer / Specific Gravity Tester



SG-1000 Battery Digital Hydrometer

Product Overview

The SG-1000 digital hydrometer / specific gravity tester is specifically designed to quickly & safely measure the temperature-compensated specific gravity of your batteries. The SG-1000 is critical in determining the charge level of lead-acid batteries, without touching any liquid or cumbersome cleaning. Single-handed automatic operation makes this method 10x faster than conventional glass hydrometer and thermometer methods. Measure specific gravity and temperature simultaneously with a press of a button.

To measure battery electrolytes, simply extract a sample in your suction tube and press the "START" button. The temperature-compensated specific gravity is displayed on the screen. The user can select between the specific gravity reading and temperature reading by pressing the "SELECT" button. Measurement results are displayed in just three seconds.

Advantages

- 99.998% Accurate
- 10x faster than conventional methods
- Measure specific gravity and temperature simultaneously
- Automatic temperature compensation
- Rugged & Durable
- Digital display
- CE Compliant

Applications

- Telecom/Communications
- Utilities
- Mining
- Government/Defense
- Industrial Manufacturing
- Motive Power

Technical Specifications

| | |
|-------------------------------|---|
| Measurement Range: | Specific Gravity of Electrolyte: 1.000 – 1.300 <i>Available upon request: 1.000 – 1.400</i> Sample Temperature: -10 – 50 °C (14 – 122 °F) |
| Accuracy: | ±0.002 Specific Gravity |
| Resolution: | 0.001 g/cm ³ |
| Display: | Digital LCD |
| Operating Environment: | 10 – 50 °C (-15 – 122 °F) |
| Power Requirements: | 9V Battery |
| Dimensions: | 70 x 40 x 210 mm (2.8 x 1.6 x 8.3 in) |
| Weight: | 235 g (8 oz) |



SG-1000 Kit

Kit Includes

- SG-1000 Body
- 9V Battery
- Three (3) Sample Tubes
- Hand Strap
- Carrying Case
- User Manual

Ordering Information

| No. | Model # | Description |
|-----|----------|---|
| 1 | SG-1000F | Battery Digital Hydrometer, Non-Datalogging, Range: 1.000 - 1.300, °F |
| 2 | SG-1000C | Battery Digital Hydrometer, Non-Datalogging, Range: 1.000 - 1.300, °C |