

SBS-2510 Digital Hydrometer / Density Meter

Digital Specific Gravity Tester with Downloading Capabilities



The SBS-2510 is ergonomically designed and lightweight, allowing one-handed operation. An easy-to-use joystick offers intuitive operation with guided workflow. A built-in motor and automatic sampling pump draw electrolyte into the hydrometer for quick readings. The unit is able to take readings between the range of 0.000 to 3.000.

Easily connect to a printer via USB or Bluetooth directly to the SBS-6500 battery impedance tester for convenient data management.

Maintaining the digital hydrometer through proper maintenance is essential to long lasting service life and accuracy. SBS recommends a maintenance interval of at least once a year. SBS is able to meet all battery testing and service needs.

Features

- Measures specific gravity or density and ambient temperature
- Tests liquids and lead acid batteries
- $\pm 0.001 \text{ g/cm}^3$ accuracy
- Automatic temperature compensation
- Ergonomic, lightweight design enabling one-hand operation and measurement
- Stores up to 100 sample IDs for easy sample identification
- Stores up to 1100 measurements including time stamps and sample IDs
- Ability to connect with the SBS-6500 impedance tester via Bluetooth for integrated data and reporting
- 2.4" LCD color display

SBS-2510 Includes

- Main unit
- Instruction manual
- Bluetooth dongle
- Lithium battery
- USB-charge cable
- 7.5" filling tube
- Carrying case

Applications

- Utility
- UPS
- Data Centers
- Telecom
- Material Handling
- Battery Manufacturing
- Chemical Processes
- Laboratories



Ordering Information

Part No.	Description
SBS-2510	Specific gravity tester (°F and °C)

Accessory Ordering Information

Part No.	Description
2510-Tube-190	7.5" filling tube
2510-TUBE-600	23.6" filling tube
2510-Battery	Li-Ion 2400mAh battery
2510-Dongle	Bluetooth USB dongle
2510-Printer	Printer USB - P25
2510-Case	Black protective cover

Specifications

Method of Detection	Specific gravity, oscillating tube method
Temperature	Measuring: 32 to 122° F (0 to 50° C) Ambient: 14 to 122° F (-10 to 50° C) Storage: -4 to 122° F (-20 to 60° C)
S.G. Range	0.000-3.000
Measuring Time	4 seconds high speed, 10 seconds medium speed
Power Supply	120 Vac and rechargeable lithium battery
Calibration	With dry air or pure water
Accuracy	± 0.001 ; temperature: $\pm 0.3^\circ \text{ F}$ (0.2° C)
Size	11.3" L x 2.2" W x 3.1" D, 12.5 oz.
Filling Tube	7.5" L