

SBS-3510 Digital Hydrometer / Density Meter

Digital Specific Gravity Tester with Downloading Capabilities for NiCd or Lead Acid Batteries

The SBS-3510 uses oscillating U-tube technology to measure specific gravity and temperature of lead acid or nickel cadmium batteries within seconds. The unit is able to take readings between the range of 0.0000 to 3.0000. With the ability to communicate wirelessly to a printer or computer via the integrated Bluetooth interface, testing results can be uploaded into an easy-to-read report.

Unlike other digital hydrometers on the market, the measuring cell can be replaced if damage occurs. This design feature eliminates the need to replace the entire unit should the measuring cell become damaged.

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 digital service needs.

Features

- Measures specific gravity, ambient temperature and count
- Tests both lead acid and nickel cadmium batteries
- Time savings: 5 times faster than conventional methods
- ± 0.001 accuracy
- Automatic temperature compensation
- Compact, lightweight design enabling one-hand measurement
- Stores up to 100 sample IDs for easy sample identification
- Stores up to 1024 measurements including time stamps and sample IDs
- Bluetooth interface for data exchange
- Ability to connect with the SBS-6500 impedance tester via Bluetooth for integrated data and reporting
- LCD display



Measuring Cell

SBS-3510 Includes

- Main unit
- Instruction manual
- Built-In Bluetooth
- 7" filling tube
- Carrying case

Applications

- Utility
- UPS
- Data Centers
- Telecom
- Material Handling
- Battery Manufacturing



SBS-3510

SBS-6500

Ordering Information	
Part No.	Description
SBS-3510	Specific gravity tester (°F and °C)

Accessory Ordering Information	
Part No.	Description
3510-Tube-600	23.6" filling tube
3510-TUBE-Bent	90 degree bent filling tube
3510-Housing-Cell	Rubber housing measuring cell
3510-Housing-Panel	Rubber housing operating panel
3510-Wrist-Strap	Spare wristband
3510-Carry-Strap	Set carrying straps
3510-Bluetooth-USB	Bluetooth USB adapter
3510-Printer	Printer CMP-20BT Bluetooth/RS232C

Specifications	
Method of Detection	Specific gravity; oscillating tube method
Temperature	Measuring: 32 to 104° F (0 to 40° C) Ambient: 14 to 122° F (-10 to 50° C) Storage: -4 to 158° F (-20 to 70° C)
S.G. Range	0.0000-3.0000
Measuring Time	Within 3 seconds
Power Supply	(3) 1.5V AA (LR6) batteries
Calibration	With dry air or pure water
Accuracy	±0.001; temperature: 0.4° F (0.4° C)
Size	5.5" L x 5.4" W x 1" H, 12.2 oz.
Filling Tube	7" L