

SBS-3500 Digital Hydrometer / Density Meter

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

The SBS-3500 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 IrDA interface, testing results can be uploaded into an easy-to-read report.

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
- Infrared data interface for data exchange
- LCD display



SBS-3500 Includes

- Main unit
- Instruction manual
- IR computer link and driver
- 7" filling tube
- Carrying case

Ordering Information

Part No.	Description
SBS-3500	Specific gravity tester (°F and °C)

Accessory Ordering Information

Part No.	Description
SBS-3500-TUBE	7" filling tube for SBS-3500
SBS-3500-PUMP	Replacement hand pump for SBS-3500

Specifications

Method of Detection	Specific gravity; oscillating tube method
Temperature	Measuring: 0 to 40° C (32 to 104° F) Ambient: -10 to 50° C (14 to 122° F) Storage: -20 to 70° C (-4 to 158° F)
S.G. Range	0.0000–3.0000
Measuring Time	Within 3 seconds
Power Supply	(2) AA batteries
Calibration	With dry air or pure water
Accuracy	± 0.001 ; temperature: 0.2° C (0.4° F)
Size	5.5" L x 5.4" W x 1" H, 12.2 oz.
Filling Tube	7" L



Applications

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