SG-500 Portable Digital Hydrometer
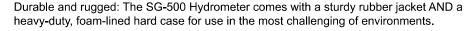

SG-500

Product Overview

It is now easier than ever to accurately measure specific gravity in battery fluids with the Eagle Eye Power Solutions **SG-500 Portable Digital Hydrometer**. The SG-500 is fast, convenient, and easy to use. Simply place a drop or two of battery fluid in the stainless-steel sample well and press a button. The custom-designed microprocessor delivers a nearly instantaneous readout of specific gravity for the battery fluid to enable quick and easy monitoring of the state-of-charge of your batteries. With specific gravity scales automatically programmed for temperature-compensated readings of battery fluid at 77F or 25C, the SG-500 Hydrometer is ready to measure right out of the box.

The large dual-line LCD display is easily read, even in dim light, and removes the subjectivity associated with interpreting where a boundary line crosses tiny scale divisions.

Calibration is automatic and does not require the use of special calibration solutions or tools. The SG-500 Hydrometer automatically calibrates itself with water and is ready to use in seconds. No screws to turn and nothing to adjust.

Clean-up is just as easy. Simply wipe the sample well with a cloth and you are ready for the next test. No need to constantly squeeze a hand pump to expel your fluid back into the battery cell – since the entire test only requires a drop or two of fluid. Furthermore, there are no moving parts to clean, replace or maintain. Upkeep is easy and extremely cost-effective, resulting in a long life and many years of repeated use.

Durable and rugged: The SG-500 Hydrometer comes with a sturdy rubber jacket AND a heavy-duty, foam-lined hard case for use in the most challenging of environments.

The SG-500 Hydrometer is a technologically-advanced device that puts laboratory-grade precision in the palm of your hand. Backed by the legendary support from our experts in the field of battery testing and technology, it is exactly the kind of cutting-edge instrumentation you would expect from Eagle Eye Power Solutions.

SG-500 Kit

Kit Includes:
- SG-500 meter
- Plastic pipettes
- Rubber Jacket
- Carrying case

Technical Specifications

Optic Material	Sapphire	**Temperature Range**	0 to 50 °C (32 to 122 °F)
Measuring Range	Specific Gravity: 1.000 – 1.405 Precision: +/- 0.001 Resolution: +/- 0.001	**Power Source**	2 AAA Batteries
Well / Sample Area Material	Stainless Steel	**Dimensions**	145 x 75 x 37 mm (5.7 x 2.95 x 1.46 in.)
Evaporation / Sample Cover	Yes	**Weight**	250 grams (8.8 Oz.)
Light Source	Precision LED @ 589.3 nm	**User Calibration Points**	2
Display Type	LCD	**Body Color**	Blue
Display Characters	24 Characters x 2 Lines	**Body Material**	Plastic
Display Backlight	Yes	**Water Resistance**	IP64 - Splashing Water
Display Language	English, Russian, Spanish, German, French	**User Messages**	Text-Based
Temperature Control Method	Auto Temp. Compensation	**Approval and Certifications**	CE

Ordering Information

No.	Model #	Description
1	SG-500	Portable Digital Hydrometer, Non-Datalogging, Range: 1.000 – 1.405

SG-SERIES

Digital Hydrometers