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EAGLE EYE power solutions

SG-Ultra Digital Hydrometer/Density Meter

SG-Ultra

Product Overview

The SG-Ultra digital hydrometer/density meter offers 99.999% accurate, temperature-compensated specific gravity, density, and density-related values. Select from multiple units of measure to suit your measurement needs or create custom user-defined requirements. Results include sample identification, measurement unit, temperature correction coefficient, instrument identification and date & time. Results can be downloaded to a printer or PC easily. Reliable results appear in just 3 seconds - just immerse the sampling tube, pull the trigger, and read the final result. Trend results with included management software. The SG-Ultra is commonly used for battery testing (lead-acid & Ni-cad), alcohol and food testing, petroleum testing, and other custom density tests.

Advantages

- Accurate 99.999% Accurate
- User-Friendly Compact, lightweight, and allows for one-hand measurement. Large LCD display screen with back-light
- Robust & rugged, comes with protective carrying case. Sustains tough field environments with a sealed housing
- Wireless Communication Infrared data interface for data exchange with a PC and data export to a printer (data transfer accessories included)
- Storage of up to 1100 results including sample ID, measurement unit, temperature correction coefficient, instrument identification, date and time
- Reliable CE Compliant and One Year Warranty

Technical Specifications

Measurement Range:	Density: 0.000 – 2.000 g/cm3 Sample Temperature: 0[1] – 40 °C (32[1] – 104 °F) Viscosity: 0 – 2,000 mPa
Accuracy:	Density: 0.001 g/cm3 Temperature: ±0.2 °C (±0.4 °F)
Resolution:	0.0001 g/cm3
Minimum Sample Volume:	2 mL
Communication:	IrDA Interface
Display:	Backlit LCD
Internal Storage:	1100 Results
Operating Environment:	10 – 50 °C (-15 – 122 °F)
Power Requirements:	(2) AAA Batteries
Dimensions:	229 x 114 x 64 mm (9 x 4.5 x 2.5 in)
Weight:	360 g (2.7 oz)
Sample Tube Dimensions:	178 x 3.175 mm / 7 x 1/8 in. Diameter *Custom lengths available

(1) Sample must not freeze in the measuring cell

SG-Ultra Kit

Kit Includes

- SG-Ultra with Protective Boot
- Sample Tube (7" x 1/8")
- IrDA Adapters
- SG-Ultra Management Software
- Carrying Case
- User Manual

Ordering Information

No.	Model #	Description
1	SG-Ultra	Digital Hydrometer, Data-Logging, Range: 0.0000 – 2.0000