

## SG-Ultra Digital Hydrometer/Density Meter

Model # SG-ULTRA



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 backlight.
- Robust Rugged, comes with protective carrying case. Sustains tough field environments with leakproof housing
- Wireless Communication Infrared data interface for data exchange with a PC and data export to a printer (data transfer accessories included).
- Efficient Storage of up to 100 sample IDs for easy identification. Storage of up to 20 measuring methods. Stores up to 1,024 total measurement results including timestamp and sample ID.
- Reliable CE Compliant and One Year Warranty

### Technical Specifications

<b>Measurement Range:</b>	Density: 0.000 – 2.000 g/cm <sup>3</sup> Sample Temperature: *0 – 40 °C (32* – 104 °F) Viscosity: 0 – 2,000 mPa
<b>Accuracy:</b>	Density: 0.001 g/cm <sup>3</sup> Temperature: ±0.2 °C (±0.4 °F)
<b>Resolution:</b>	0.0001 g/cm <sup>3</sup>
<b>Minimum Sample Volume:</b>	2 mL
<b>Communication:</b>	IrDA Interface
<b>Display:</b>	Backlit LCD
<b>Internal Storage:</b>	1100 Results
<b>Operating Environment:</b>	10 – 50 °C (-15 – 122 °F)
<b>Power Requirements:</b>	(2) AAA Batteries
<b>Dimensions:</b>	229 x 114 x 64 mm (9 x 4.5 x 2.5 in)
<b>Weight:</b>	360 g (2.7 oz)
<b>Sample Tube Dimensions:</b>	178 x 3.175 mm (7 x 1/8 in) diameter *custom lengths available

\*Sample must not freeze in the measuring cell



SG-Ultra Kit

### Kit Includes:

- SG-Ultra Body
- (1) Sample Tube (7" x 1/8")
- Fitted Protective Boot
- 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