



## SG-Pro Digital Hydrometer / Density Meter



SG-Pro Battery Digital Hydrometer

### Product Overview

The SG-Pro 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, press the button to automatically draw in the sample, and read the final result. Trend results with optionally included management software. The SG-Pro is commonly used for battery testing (lead-acid & Ni-cad), alcohol and food testing, petroleum testing, and other custom density tests.

### Advantages

- Accurate to 99.999%
- User-friendly compact, lightweight, and allows for one-hand measurement
- Automatic sampling pump for drawing in and releasing samples
- Large color display screen with back-light
- Robust & rugged, comes with protective carrying case, sustains tough field environments with a sealed housing
- Wireless communication via Bluetooth or USB data interface for data exchange with a PC and data export to a printer
- Storage of up to 1,100 results including sample ID, measurement unit, temperature correction coefficient, instrument identification, date and time

### Technical Specifications

<b>Measurement Range</b>	Density: 0.000 – 3.000 g/cm <sup>3</sup> Sample Temperature: 01 – 40 °C (321 – 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>	0.001 g/cm <sup>3</sup>
<b>Minimum Sample Volume</b>	2 mL
<b>Communication</b>	Bluetooth, USB-A, USB-C, RFID
<b>Display</b>	Backlit 2.4" color screen
<b>Internal Storage</b>	1,100 results
<b>Operating Environment</b>	-10 – 50 °C (14 – 122 °F)
<b>Power Requirements</b>	(1) rechargeable Lithium ion 2400 mAh battery
<b>Dimensions</b>	56 x 288 x 62 mm (2.2 x 11.3 x .4 in)
<b>Weight</b>	355 g (2.7 oz)
<b>Sample Tube Dimensions</b>	190 mm / 7.5 in. or 600 mm / 23.6 in. (optional)

\*(1) Sample must not freeze in the measuring Cell



### Kit Includes

- SG-Pro with Protective Cover
- Sample Tube (7.5" x 1/8")
- Carrying Case
- User Manual
- **Optional:** Management Software

### Ordering Information

Model #	Description
SG-Pro	Digital Hydrometer, Data-Logging, Range: 0.0000 – 3.0000