



## SG-Ultra Max Plus Digital Hydrometer / Density Meter



SG-Ultra Max Plus

### Product Overview

The SG-Ultra Max Plus measures the density and density-related values of your sample within seconds. Results appear on the large color touch screen and are ready for storage, printout or export to a PC. The lightweight and robust design enable on-site operation in a wide range of environments. Completely sealed, pump spills do not enter the instrument. The SG-Ultra Max Plus digital hydrometer features a leak-proof housing for operation in industrial and field applications including battery testing for utilities and telecoms, food & beverage testing, quality control, bio-technology, and many more. Supported measuring units include: density, density at reference temperature, specific gravity, alcohol, API, °Baumé, °Brix, and ten programmable custom functions to ensure your measurement requirements.

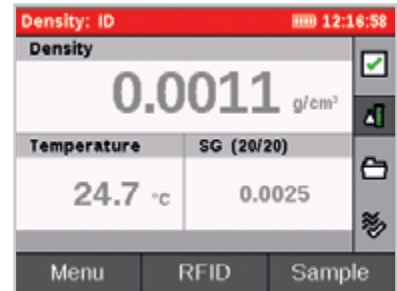
### Advantages

- 99.999% Accurate, tests density and temperature simultaneously
- User-Friendly Compact, lightweight, and allows for one-hand measurement
- Robust & rugged, comes with protective carrying case. Measuring cell can be exchanged and replaced if necessary
- Wireless Communication via Bluetooth or data exchange with a PC and data export to a printer
- Stores up to 1,024 total measurement results including time stamp and sample ID
- Automatic temperature compensation

### Technical Specifications

<b>Measurement Range:</b>	Density: 0.000 – 3.000 g/cm <sup>3</sup> Sample Temperature <sup>(1)</sup> : 0 – 40 °C (32 – 104 °F) Viscosity: 0 – 1,000 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>Repeatability:</b>	0.0005 g/cm <sup>3</sup>
<b>Minimum Sample Volume:</b>	2 mL
<b>Communication:</b>	Bluetooth, RFID
<b>Display:</b>	Backlit color with capacitive touch controls
<b>Internal Storage:</b>	1,024 results
<b>Operating Environment:</b>	-10 – 50 °C (14 – 122 °F)
<b>Power Requirements:</b>	(3) 1.5 V LR06 AA Alkaline Batteries
<b>Dimensions:</b>	245 x 103 x 126 mm (9.6 x 4 x 5 in)
<b>Weight:</b>	660 g (23.3 oz)

\*<sup>(1)</sup> Sample must not freeze in the measuring cell



Display

### Kit Includes

- SG-Ultra Max Plus
- 180 mm Sample Tube
- 2 mL Plastic Syringes
- Luer Adapter 1/4" UNF
- Bluetooth Adapter
- Carrying Case
- Electronic User Manual

### Ordering Information

No.	Model #	Description
1	SG-Ultra Max Plus	Digital Hydrometer, Data-Logging, Range: 0.0000 – 3.0000