SG-Ultra Max Digital Hydrometer/Density Meter

Model # SG-ULTRA MAX



SG-Ultra Max Body

Product Overview

The SG-Ultra Max measures the density and density-related values of your sample within seconds. Results appear on the large LCD screen with back-light 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. Pump spills do not enter the instrument. The SG-Ultra Max digital hydrom-eter features leakproof housing for operation in industrial and field appli-cations including battery testing for utilities and telecoms, food & beverage testing, quality control, biotechnology and many more. Supported measuring units include: density, density at reference temperature, specific gravity (sg), Alcohol, API, °Baumé, °Brix and five programmable custom functions to ensure your measurement requirements.

Advantages

- 99.999% Accurate, tests specific gravity and temperature simultaneously
- User-Friendly Compact, lightweight, and allows for one-hand measure-ment. Large LCD display screen with backlight.
- Robust Rugged, comes with protective carrying case. Sustains tough field environments with leakproof housing
- Wireless Communication Infared data interface for data exchange with a PC and data export to a printer (data transfer accessories included).
- Stores up to 1,024 total measurement results including timestamp and sample ID.
- Automatic temperature compensation
- Reliable CE Compliant and One Year Warranty



SG-Ultra Max Kit

Technical Specifications

Measurement Range:	Density: 0.000 – 3.000 g/cm3 Sample Temperature: *0 – 80 °C (32* – 176 °F) Viscosity: 0 – 1,000 mPa
Accuracy:	Density: 0.001 g/cm3 Temperature: ±0.2 °C (±0.4 °F)
Resolution:	0.0001 g/cm3
Repeatability:	0.0005 g/cm3
Minimum Sample Volume:	2 mL
Communication:	IrDA Interface
Display:	Backlit LCD
Internal Storage:	1024 Results
Operating Environment:	10 – 50 °C (-15 – 122 °F)
Power Requirements:	(2) AA Batteries
Dimensions:	140 x 138 x 27 mm (5.5 x 5.4 x 1.0 in)
Weight:	368 g (13 oz)

*Sample must not freeze in the measuring cell.

Kit Includes:

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- SG-Ultra Max Body
- 180 mm Sample Tube
- 2 mL Plastic Syringes
- Luer Adapter 1/4” UNF (for syringe filling)
- IrDA Adapter
- Interface for Exporting Data to PC
- Carrying Case
- User Manual

Ordering Information

No.	Model #	Description
1	SG-ULTRA MAX	Digital Hydrometer, Data-Logging, Range: 0.0000 – 3.0000
2	SG-ULTRA MAX EX PETROL	Intrinsically Safe Digital Hydrometer, Data-Logging, Range: 0.000 - 3.000