



SG-Ultra Max Plus Ex Petrol Digital Hydrometer / Density Meter



SG-Ultra Max Plus Ex Petrol

Product Overview

The SG-Ultra Max Plus Ex Petrol density meter is designed for petroleum testing applications. This portable tester is commonly used in refineries, fuel terminals, offshore and transportation applications. The SG-Ultra Max Plus Ex Petrol is intrinsically safe in hazardous testing environments. All wetted parts and the special housing are resistant to petroleum samples and similar solvents. The leak-proof sealed housing is safe against humidity and spills and makes the unit suitable for harsh industrial and field conditions. The SG-Ultra Max Plus Ex Petrol is an officially accepted field method for the new ASTM Standard "D7777-12" which describes the "Test Method for Density, Relative Density, or API Gravity of Liquid Petroleum by Portable Digital Density Meter" with a minimum accuracy requirement of 0.001g/cm³.

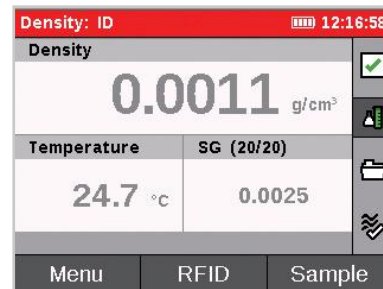
Advantages

- 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

Measurement Range	Density: 0.000 – 3.000 g/cm ³ Sample Temperature ⁽¹⁾ : 0 – 40 °C (32 – 104 °F) Viscosity: 0 – 1,000 mPa
Accuracy	Density: 0.001 g/cm ³ Temperature: ±0.2 °C (±0.4 °F)
Resolution	0.0001 g/cm ³
Repeatability	0.0005 g/cm ³
Minimum Sample Volume	2 mL
Communication	Bluetooth, RFID
Display	Backlit color with capacitive touch controls
Internal Storage	1,024 results
Operating Environment	-10 – 40 °C (14 – 104 °F)
Intrinsic Safety	Ex II 2 G Ex ib IIC T4
Power Requirements	(3) 1.5 V LR06 AA Alkaline Batteries
Dimensions	245 x 103 x 126 mm (9.6 x 4 x 5 in)
Weight	660 g (23.3 oz)

⁽¹⁾ Sample must not freeze in the measuring cell



Display

Kit Includes

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

Ordering Information

Model No.	Description
SG-Ultra Max Plus Ex Petrol	Intrinsically Safe Digital Hydrometer, Data-Logging, Range: 0.0000 – 3.0000