



Di - series

Portable Digital Density Meter

DenDi



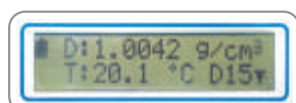
Advantages:

- Reasonable price;
- Accurate density measurements in seconds;
- Wide measuring range;
- Compact design;
- Simple in operation;
- Easy clean removable float;
- IR data port.

Applications:

- Petroleum products, including viscous;
- Chemicals, including aggressive;
- Cosmetics and pharmaceuticals;
- Foods & beverages.





Density V.1.0 S/N 0000001
 D:1.0042 g/cm³
 T:20.1 °C
 D15:1.0072 g/cm³



New *De*-series of digital density meters can replace all kinds of glass hydrometers in your laboratory. It provides remarkable accuracy for a wide range of liquids and eliminates any subjective mistake due to data readings on the LCD.

The compact device is maintenance free and simple when using: two-button control doesn't require proficient staff for its operating. Simple calibrations options allows to measure with high accuracy.

Versatile measurement formats of *DenDe* enable flexible reporting options:

- Real Density (g/cm³ or kg/m³), Specific Gravity, API Gravity, Alcohol concentration and any user-required parameters;
- Reduced Density to 15°C, 20°C and 60°F;
- Temperature (°C or °F);

Observed results can be transferred to PC, pocket PC or mini-printer via built-in IR data port.

Specifications

Parameters		Performances
Submersible parts materials		Quartz glass
Range of:	density, g/cm ³	0.5000 - 2.0000
	(kg/m ³)	(500.0 - 2000.0)
	temperature, °C	+10 - +50
Repeatability of:	density, g/cm ³	+ 0.0005
	(kg/m ³)	+ (0.5)
	temperature, °C	+ 0.2
Accuracy of:	density, g/cm ³	± 0.001
	(kg/m ³)	± (1.0)
	temperature, °C	± 0.5
Resolution of:	density, g/cm ³	± 0.0001
	(kg/m ³)	± (0.1)
	temperature, °C	± 0.1
Volume of sample		100 ml
Power supply		Power unit 90-240 V 50/60 Hz with output voltage 8.4 V NiMH-battery 150 mAh
Dimensions (L x W x H)		180 x 100 x 133 mm
Weight		≈ 0.5 kg
Temperature compensation		Automatic

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