

Portable/Laboratory Density and Refractive Index Meter

RenDi

Advantages:

- High accuracy Density and Refractive Index measurements in seconds;
- All result readings on backlight LCD;
- Built-in IR data port and RS232-port for data transfer to computer, mini-printer and other output devices;
- Data conversion into the desired concentration unit;
- Expanded battery working time without charging;
- Calibrates easily with distilled water;
- Automatic temperature compensation;
- Removable float for easy cleaning.

Applications:

- Beverages;
- Strong drinks;
- Food, milk and dairy products;
- Chemicals, including aggressive;
- Cosmetics;
- Pharmaceuticals;
- Spirits;
- All petroleum products, including viscous.



Performances		Parameters
Submersible parts materials		Quartz glass
Density:	Range, g/cm ³ / (Kg/m ³) Accuracy, g/cm ³ / (Kg/m ³) Resolution, g/cm ³ / (Kg/m ³)	0.5000 - 2.0000 / (500.0 - 2000.0) ± 0.0005 / (± 0.5) 0.0001 / (0.1)
Refractive Index (BRIX):	Range Accuracy Resolution	1.3330 - 1.3900 (0 - 35%); 1.3330 - 1.4098 (0 - 45%) 1.3800 - 1.4535 (28 - 65%); 1.4400 - 1.5230 (60 - 92%) ± 0.0003 (± 0.1%) 0.0001 (0.1%)
Temperature:	Range, °C Accuracy, °C Resolution, °C	+10 - +50 ± 0.1 0.1
Volume of sample	Density Meter Refractive Index Meter	50 ml 0.3 ~ 0.5 ml
Power supply		NiMH battery 6V - 1500 mA/h
Dimensions (L x W x H):	Density Meter Refractive Index Meter	230 x 130 x 180 mm 145 x 90 x 60 mm
Weight:	Density Meter Refractive Index Meter	2.3 kg 0.520 kg