

SDR Series of Handheld Digital Refractometers

Exclusive Scratch-proof Sapphire Prism, Waterproof Housing, Floatable

For Pastes, Oils, Fruit Juices, Beverages, Most, Wine, Whey, Sugar Solutions, Syrup, Honey, Ketchup, Mustard, Dip, Marinade, Mayonnaise, Jam, Marmalade, Mush, Flavor, Essential Oils, Saline Solutions, Cooling Lubricants, Cutting Fluids, Corrosion Protection Oils, Antifreeze Admixtures, Car Batteries, Wood Preservation Solutions, Cleaning Agents, Tensid Solutions

Built-in Digital Thermometer and Automatic Temperature Correction



- Standard scales, selectable by push button:
 - Refractive index (RI) 1,3330 to 1,5320
 - Concentration 0 to 95% (Brix)
 - Up to 9 scales, selectable by push button
 - Large variety of ready-made scales
 - Custom specific scales on request
- Resolution 0.1 % Brix, 0.0001 RI, Accuracy ± 0.2 % Brix, ± 0.0003 RI
- Scratch resistant synthetic sapphire prism - exclusive for handheld refractometers
- Built-in digital thermometer: 0°C bis 40°C, resolution 0,1 °C
- Automatic temperature correction for concentration scales
- Measurement in reflection - suitable for tinted or opaque samples like mustard or corrosion protection oils

- Easy operation: Apply sample - Push button - Read result
- Waterproof housing, IP67, floatable, does not sink if accidentally dropped into water
- Housing: Soft-Grip, double injection molded, dimensions 115 mm x 60 mm x 30 mm, net weight 180 g
- Calibration certificate optional, by precision digital desktop refractometer, Rudolph Research Analytical, NJ, USA
- Comprehensive manual in English or German



- Stainless steel sample well
- Sample required: 0,1 bis 0,3 ml, one or two drops
- Rechargeable Li-Ion battery, capacity sufficient for more than 10000 measurements
- Automatic power-down after 3 minutes
- Indicator for charge of battery, flashing if low battery

Includes the following items free of charge, packed in attractive plastic case with foam lining:

- Pipette
- Operating manual in English
- Battery recharger, 100V to 240V, 50/60Hz

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