



Artisan™ Digital Refractometers

Artisan™ portable refractometers are ideal for monitoring fluid concentrations and fluid quality in a variety of applications. Digital display reduces the variation from reading analog meters. The popular Brix (sugar concentration) scale is included on all the models. Select Brix or nD readings to go along with the temperature readings. Automatic temperature compensation (ATC) improves the accuracy of the reading.

This microprocessor based instrument incorporates a simple calibration procedure to keep the meter working at its best. Select from two units with different Brix and nD ranges. Automatic shutoff after 3 minutes of non-operation saves battery life. Instrument includes protective soft vinyl case, battery and manual. Low battery indicator. ABS housing. One year warranty.

**Portable design!
Brix or nD readout!**



Artisan™ HR200
Portable Refractometer

SPECIAL FEATURES

- Digital display of Brix or nD
- Portable, battery-operated design
- ATC – Automatic Temperature Compensation
- °F / °C switchable
- Select one of four models for Brix
- Low battery indicator

APPLICATIONS

- Food Testing
- Sugar Testing
- Quality Control
- Medical Testing
- Plant Maintenance

SPECIFICATIONS

Measurement Range:			
Model	Range	Resolution	Accuracy
HR200B45	0 to 45%Brix	0.1%	±0.2%
	1.3330 to 1.4098 nD	0.0001	±0.0003
HR200B65	28 to 65%Brix	0.1%	±0.2%
	1.3800 to 1.4535 nD	0.0001	±0.0003
(all models)	0 to 40°C (32 to 104°F)	0.1°C (0.1°F)	±1°C (2°F)
Repeatability:	±0.2% Brix (±0.0004)		
Sample size:	0.1ml		
Compensated Temp Range:	5 to 40°C (41 to 104°F)		
Operating Temp.:	0 to 40°C (32 to 104°F)		
Operating Humidity:	0 to 90% RH, non-condensing		
Storage Temp.:	-10 to 50°C (14 to 122°F)		
Auto shutoff:	after 3 min of non-operation		
Power:	9 Volt battery		
Dimensions:	185 x 105 x 70 mm (meter only)		
(L x W x D)	(7.3 x 4.1 x 2.8 in.)		
(case dim.)	208 x 127 x 84 (8.2 x 5 x 3.3 in.)		
Weight (meter):	425 g (15 oz)		
Shipping Wt:	0.9 kg (2 lb)		

HR200 Ordering Information

Part No.	Description
HR200.002	Meter (0-45 Brix), soft case, battery.
HR200.003	Meter (28-65 Brix), soft case, battery.
HR101.930	Calibration Std-HR200.003(30% Brix)1/4oz

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