Low-Cost Brix and Salt Refractometers

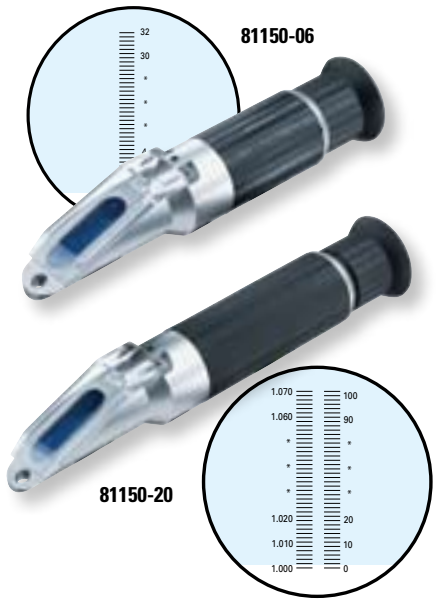
Durable units provide quick and easy measurements

Use these economical refractometers to take quick and easy measurements. Refractometers feature adjustable focus and a zero adjustment screw for calibration. Each refractometer is calibrated and adjusted to read at 68°F (20°C). Models with automatic temperature compensation (ATC) are ideal for applications where the temperatures of your samples vary.

Refractometers are made of corrosion-resistant brass and have rubber-insulated grips. Include hard case, calibration screwdriver, and instructions.

Brix Refractometers measure soluble solid concentration of sugars, salts, proteins, and more in foods and liquids—ideal for quality control and R & D applications. Use to measure percent Brix of juices, beverages, and other sugar-based liquids.

Salt Refractometers measure salt content in parts per thousand (ppt) and specific gravity or percent salinity, depending on model. Use to measure salt concentration of water or brine.



Specifications & Ordering Information

Catalog number	Range	Resolution	Accuracy	ATC	Price
Brix refractometers					
KH-81150-02	0 to 10% Brix	0.1% Brix	±0.1% Brix	50 to 86°F (10 to 30°C)	
KH-81150-04	0 to 18% Brix	0.2% Brix	±0.15% Brix	No	
KH-81150-06	0 to 32% Brix	0.2% Brix	±0.2% Brix	No	
KH-81150-08	0 to 32% Brix	0.2% Brix	±0.2% Brix	50 to 86°F (10 to 30°C)	
KH-81150-10	28 to 62% Brix	0.2% Brix	±0.2% Brix	No	
KH-81150-12	45 to 82% Brix	0.5% Brix	±0.3% Brix	No	
KH-81150-14	58 to 90% Brix	1.0% Brix	±0.5% Brix	No	
Salt refractometers					
KH-81150-20	0 to 100 ppt salinity; 1.000 to 1.070 SGU*	1.0 ppt; 0.001 SGU*	±1.0 ppt; ±0.001 SGU*	50 to 86°F (10 to 30°C)	
KH-81150-22	0 to 28% salinity	0.2%	±0.2%	No	

*SGU = specific gravity units

Digital Laboratory Refractometers

Provide process and quality control with ease

- Four models cover all major lab refractometer applications
- Compact design saves valuable benchtop space

These compact benchtop refractometers are ideal for measuring Brix, salinity, refractive index, and clinical parameters with a full-scale accuracy of ±0.1%. The internal CCD scanner (linear scanned array imaging) provides accurate, reliable measurements. Units are simple to use—place at least 0.4 mL of sample on the surface of the prism, press READ, and the sample results are displayed in seconds. The meter instantly displays the measurement and temperature on the large, easy-to-read LCD.

The sophisticated microprocessor provides automatic calibration, automatic temperature compensation, low-battery indicator, automatic shutoff (after three minutes), and visual hi/low alarms. The durable, water-resistant design protects the electronics in wet environments and makes cleanup easy. All models calibrate to distilled water and feature a simple push-button interface and 5000-reading battery life.

What's included: one 9 V battery, 5 mL of distilled water, one transfer pipet, and a protective case.

02941-33

Specifications & Ordering Information

Sample volume: 0.4 mL (minimum) **Response time:** 3 seconds **Display:** 5-digit LCD **Dimensions:** 7"W x 2½"H x 4"D

Catalog number	Range	Resolution	Accuracy	ATC	Power	Price
KH-02941-33	45.0 to 95.0% Brix 1.4098 to 1.5318 RI	0.1% Brix 0.0001 RI	±0.1% Brix ±0.0002 RI	32 to 104°F (0 to 40°C)	One 9 V battery (included)	
KH-02941-34	0.0 to 95% Brix 1.330 to 1.5318 RI	0.1% Brix 0.0001 RI	±0.1% Brix ±0.0002 RI			
KH-02941-35	0.0 to 60.0% Brix 0.0 to 28.0% salinity 0.0 to 280.0 ppm 1.330 to 1.4419 RI	0.1% Brix 0.1% salinity 1 ppm 0.0001 RI	±0.1% Brix ±0.1% salinity ±1 ppm ±0.0002 RI			
KH-02941-36	1.000 to 1.090 urine s.g. 0 to 12 serum protein 1.330 to 1.4098 RI	0.001 urine s.g. 0.1 serum protein 0.0001 RI	±0.0002 urine s.g. ±0.1 serum protein ±0.0002 RI			

KH-09376-04 **Replacement batteries;** 9 V. Pack of 4