



Leica BRIX refractometers have always been the industry standard. With the BRIX30, BRIX50 and BRIX90, Leica continues the tradition of accurate, easy-to-use instruments.

The "Brix" scale or % Solids (as sucrose) is well known and utilized in the food and chemical industries to measure dissolved solids - primarily sugar - in fruits, juices and soft drinks. Leica BRIX refractometers also measure a wide variety of other solutions. Anywhere solution concentrations need to be known, Leica BRIX refractometers offer a quick, easy solution.

Standard Features

- Automatic temperature compensation eliminates the need for temperature correction charts
- Portable - uses no electricity
- Rugged, impact-resistant body
- Large, easy-to-read scale
- No specialized training required
- Waterproof

Typical Applications

- Soft drink bottling
- Fruit juice and concentrate quality analysis
- Controlled substance monitoring
- Beverage mix ratios
- Analysis and quality control of solutions
- Chemical processing, research and development
- Fruit ripeness and grade

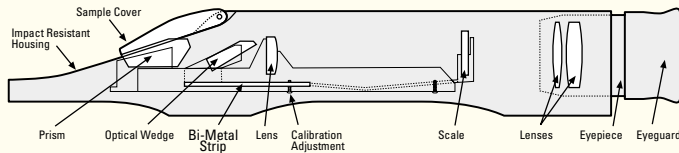
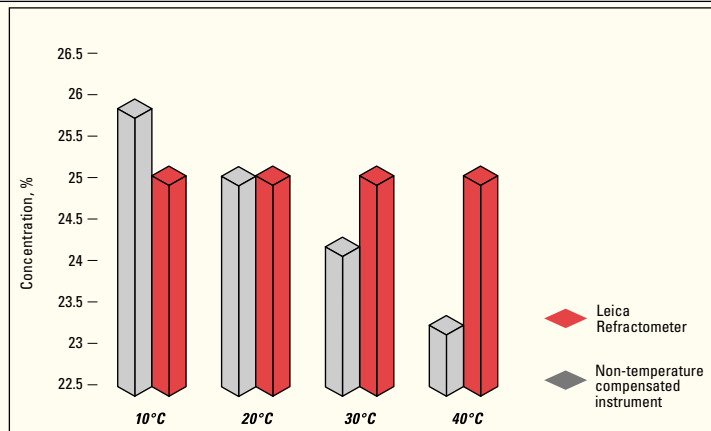
Leica BRIX Refractometers

BRIX30, BRIX50, BRIX90
Hand-Held Refractometers

Leica
MICROSYSTEMS

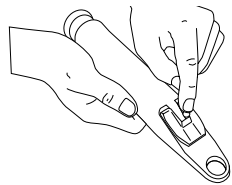
Temperature Compensation Makes the Difference

Automatic temperature compensation makes it unnecessary to measure temperature and apply a correction factor when taking readings. Without temperature compensation or correction, readings can be very inaccurate. This chart shows the difference between a temperature compensated instrument and a non-temperature compensated instrument.

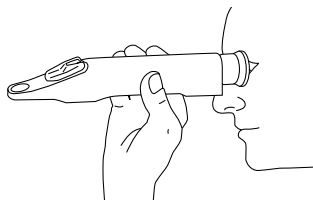


Cutaway view (left) shows the Leica optics and temperature compensation mechanism. As the temperature changes, the bi-metal strip moves, changing the position of the optical wedge. This automatically applies the temperature compensation.

Fast, Easy and Accurate

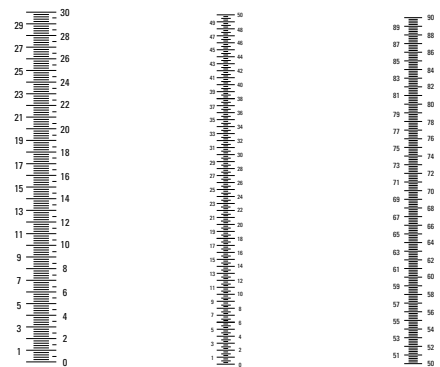


1. Place a few drops of liquid onto the measuring prism and close the sample cover.



2. Hold up to a light source and read the scale.

Scales and Specifications:



Model	BRIX30	BRIX50	BRIX90
Catalog No.	137530L0	137531L0	137533L0
Range % Solids as Sucrose (Brix)	0 - 30%	0 - 50%	50 - 90%
Scale Divisions	0.2 and 0.5	0.25	0.2
Refractive Index	1.3330 - 1.3811	1.3330 - 1.4200	1.4201 - 1.5177
Temperature Compensation Range	0°F - 104°F (-18°C - +40°C)		
Chassis	Zenoy Polymer		
Optics	All Glass		
Weight	5.54 oz. (157 grams)		
Size	9.54" x 1.5" x 1.6" (240 mm x 38.2 mm x 40 mm)		



ISO 9001
1994 Certificate
#0003438

Due to a policy of continuous development, we reserve the right to change specifications without notice.

Leica Microsystems Inc.
Educational and Analytical Division
P.O. Box 123
Buffalo, New York USA 14240-0123

Telephone: 1 716 686 3000
Fax: 1 716 686 3085
www.analytical-refractometers.com
ISO-9001 Certified

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