

DIGITAL REFRACTOMETER (DRB SERIES)



Main Specifications

DRB Series Digital Refractometer

Description:

DRB Series Digital Refractometer are developed for working with sugar related liquids (fruit juices, soft drinks, wine), help monitor and control sugar concentrations in foods and beverages. Whether users are checking the "ripeness" of fruit in the field, verifying product quality after harvesting, or controlling concentrations during processing and packaging, refractometers provide critical information to ensure product quality. But, it is also commonly used for controlling the concentration of various industrial fluids cutting lubricants and flux rinsing compounds).

This instrument is equipped with an Automatic Temperature Compensation System making it ideal for field use.

Model	Scale	Range	Div.	Accuracy
DRB0-45	Brix	0-45%	0.1%	±0.2%
DRB0-45nD	Brix	0-45%	0.1%	±0.2%
	Refractive Index	1.3330-1.4098	0.0001	±0.0003
DRB28-65	Brix	28-65%	0.1%	±0.2%
DRB28-65nD	Brix	28-65%	0.1%	±0.2%
	Refractive Index	1.3770-1.4535	0.0001	±0.0003
DRB58-92	Brix	58-92%	0.1%	±0.2%
DRB58-92nD	Brix	58-92%	0.1%	±0.2%
	Refractive Index	1.4370-1.5232	0.0001	±0.0003
DRBS-300	Brix	0-35%	0.1%	±0.2%
	Salinity	0-28%	0.1%	±0.2%
	Refractive Index	1.3330-1.3900	0.0001	±0.0003

- Temperature Measurement Range: 0°C-40°C (32-104°F)

- Precision of Measurement temperature: ±1°C (2°F)

- Measurement temperature Resolution: 0.1°C

- Operation Temperature: 0-35°C (32-90°F)

- Storage temperature: 0-50°C (32-122°F)

- Dimension : 185×59×45mm

- Weight: 230g

- Power Supply: 1battery (9v)

- Operating Time: More than 2000 times per battery

- Automatic Temperature Compensation

- Automatic Shut Off

- Celsius and Fahrenheit Degree