

LABWAN Digital ABBE Refractometer With Software

Product Description

The LABWAN Digital ABBE Refractometer is designed for accurate measurement of the refractive index of transparent or subtransparent liquid and solid substances. It also measures the Brix of sugar solutions and automatically corrects the effect of temperature on Brix. The instrument can additionally display the sample temperature

Features

- Measurement of refractive index (nD) of transparent or translucent liquid and solid substances
- Measurement of Brix of sugar solution
- Visual aim and LCD display
- Automatic correction of the effect of temperature on Brix
- Hard-glass prism
- RS232 interface
- Automatic sample temperature display
- Software included

Application/Uses

- Petroleum industry
- Chemical industry
- Pharmaceutical industry
- Sugar refining industry
- Food industry
- Colleges and universities
- Scientific research institutions
- Refractive-index testing of transparent or subtransparent samples



LI-R501

Technical Specifications

Parameter	Specification
Product Name	Digital ABBE Refractometer With Software
Model Number	LW-R501
Measurement Range	nD: 1.30000–1.70000
Brix Range	0–100%
Measuring Accuracy	nD: ± 0.0002 ; Brix: $\pm 0.1\%$
Measuring Resolution (nD)	± 0.0001
Temperature Range	0–50°C
Temperature Resolution	Minimum 0.1°C
Display	Digital Display
Software	Yes
Interface	RS232
Overall Dimensions	370 mm × 240 mm × 470 mm
Weight (Gross)	12 kg

Standard Accessories

- Calibration standard
- Hex key
- 3 lamps, 6.3V, 0.25A
- 3 fuses, 1A
- RS-232 cable
- Software CD and manual
- Main lead
- Operating manual
- Dust cover
- Maintenance box