

Digital Refractometer LDRF-A12



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Digital Refractometer LDRF-A12 is a benchtop unit used to measure refractive index of transparent or translucent solid, liquid substances and also to measure percent of sugar in solutions. Features LCD display, auto-correction mode, tough prism, interface for printer etc. to ensure accurate measurements. It is used in medical laboratories, chemical laboratories, microbiology, clinical research, hydrology, food processing etc.

Features

- Measures refractive index of translucent and transparent solids and liquids
- Measures percentage of sugar in solution
- LCD display
- Automatically corrects the effect of temperature on Brix
- Tough glass prism
- Interface for printer

Applications

It is widely used in clinical research, food and beverage manufacturing units, oil industry, flavour and fragrance industry, quality control units, etc.

Specifications

Model No	LDRF-A12
Measuring range of refractive index nD	1.3000 to 1.7000
Measuring range of Dissolved Solids Brix	0 to 95%
Accuracy for refractive index	$\leq \pm 0.0002$
Accuracy for Dissolved Solids Brix	$\leq \pm 0.1\%$
Temperature Range (Min. 0.1°C)	0 to 50°C
Overall dimension	330 × 180 × 380 mm
Net Weight	10 kg