

LMAR-1317



Salient Features

- ◆ Measurement of Refractive index nD of transparent or translucent liquid and solid substance.
- ◆ Measurement of brix of sugar solution
- ◆ Prism made of hard glass
- ◆ Visual aim and LCD Display
- ◆ Automatic correction of the effect of temperature on the Brix
- ◆ Printer Interface for direct data print-out.

Digital ABBE Refractometer

The instruments can widely be used in petroleum, chemical, pharmaceutical, sugar, refining and food industries, as well as in related colleges, universities and scientific research institutions for measuring the refractive index n_D of transparent, subtransparent liquid or solid substance.

This instrument can also be used to measure the Brix (BX) of the sugar solution, and correct the affect of temperature on the Brix automatically. In addition, this instrument can display the temperature of the sample.

Model	LMAR-1317
Make	LABMAN
Measurement range Refractive index nD	1.3000-1.7000
Measurement range dissolved solids Brix	0-100%
Accuracy refractive index nD	± 0.0002
Accuracy Dissolved Solids Brix	$\pm 0.1\%$
Temperature Resolution	0.1°C
Temperature Range (Min 0.1°C)	0.-50°C
Correcting Range of Brix Versus Temperature	15-45°C
Usage Temperature Range	Ambient to 35°C
Interface	RS232
Dimensions (mm)	370x240x470
Power Supply	AC 220V / 50Hz
Weight	12 kg

SPECIFICATIONS

★ Specifications are subject to change without notice.

Sample temperature can be controlled by using thermostatic water bath (Optional)