



Touch Screen
ABBE Refractometer
LMAR1317T

SALIENT FEATURES

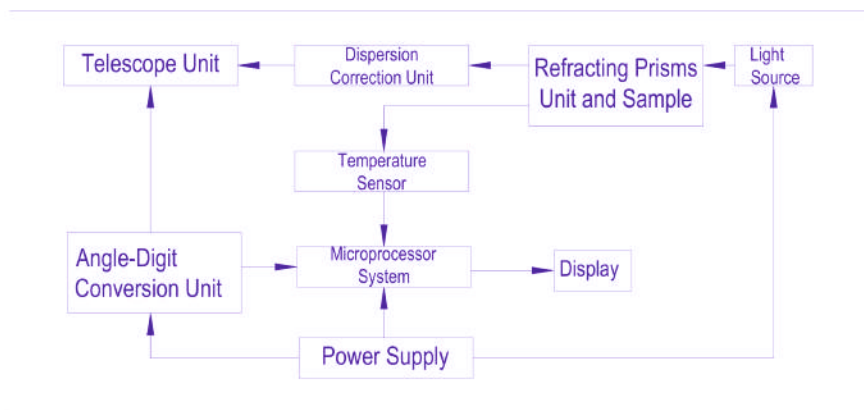
- Touchscreen Display, Range 1.30000 - 1.72000
- 5 digit decimal point precision
- Temperature range - 20°C to + 120°C
- Measurement of refractive index nD of transparent or translucent liquid and solid substances
- Measurement of the Brix of sugar solution
- Automatic correction of the effect of temperature on the Brix
- Fully automatic measuring system
- Prism made of hard glass, Memory 500 data
- It works with 589nm wavelength and uses LED as light source.



E - Catalogue

This instrument 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 refractive index nD of transparent, semi transparent liquid. This instrument can also be used to measure the Brix (BX) of the sugar solution, and correct the effect of temperature on the Brix automatically. In addition, this instrument can also display the temperature of the sample.

Principle Block



STANDARD ACCESSORIES : Main Instrument, Kit Box, Power Cable, RS232C Cable, Software Pendrive, Test Certificate

Please use LMAR1317T with stabilizer for better results & Long Life

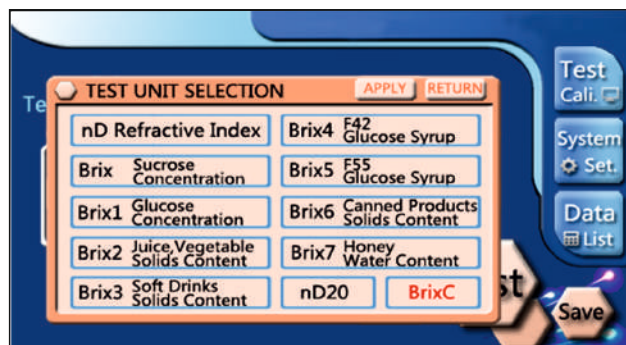
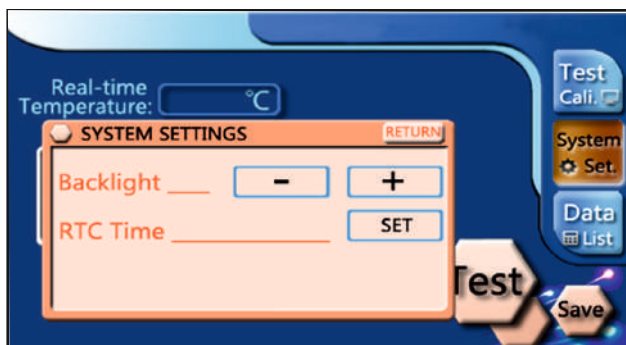
Touch Screen **ABBE Refractometer**

HSN Code : 90275020

SPECIFICATIONS

Model	LMAR1317T
Make	LABMAN
Measurement range Refractive index nD	1.30000-1.72000
Measurement range dissolved solids Brix°	0-100%
Accuracy refractive index nD	±0.00002
Accuracy Dissolved Solids Brix°	±0.1%
Measuring resolution Refractive index nD	0.00001
Brix°	0.01%
Temperature Range	-20°C to +120°C
Temperature Resolution	0.1°C
Display	Color touch screen
Interface	RS232C / USB
Data Storage	500 data sets
Protection grade	IP20
Input power	30W
Power Supply	AC 220V,50/60Hz
Packing Dimensions (LxWxH)	365 x 245 x 445mm
Gross Weight	10kg

★ Specifications are subject to change without notice.



Sample temperature can be controlled by using Refrigerated Circulating Bath (Optional)