



KLABS Automatic ABBE Digital Refractometer (Touch Screen)



Product Description

The KLABS KADR-1.3 Automatic ABBE Digital Refractometer (Touch Screen) is a fully automatic digital refractometer designed for accurate measurement of refractive index and Brix of sugar solutions. It features a touch screen interface, automatic temperature correction, data storage, and RS232/USB connectivity.

Characteristics

- Full automatic measuring, avoid personal error
- Touch Screen
- Have the function of temperature display, automatic correction and saving the date
- RS232/USB

Features

- Fully automatic measuring system
- Touch Screen display
- Measure the Brix of sugar solution
- Display the temperature of sample
- Correct effect of temperature on the Brix automatically
- Memory upto 1024 results
- Reading Time 2 seconds
- Calibration password protected
- Easy clean prism & Simple operation
- User can set the Scan times, Type, Revise, Sample ID, Calender



KADR-1.3

Applications & Uses

- Sugar & Beverage Testing
- Food & Dairy Laboratories
- Pharmaceutical Laboratories
- Chemical Laboratories
- Quality Control & Research
- Universities & Educational Institutions

Technical Specifications

Specification	Details
Product Name	Automatic ABBE Digital Refractometer (Touch Screen)
Model Number	KADR-1.3
Measuring range	Refractive index nD: 1.30000-1.70000 Brix (BX): 0-100%
Measuring accuracy	Refractive index nD: ± 0.0002 Dissolved solids Brix: $\pm 0.1\%$
Measuring resolution	Refractive index nD: ± 0.00001 Dissolved solids Brix: 0.01%
Interface	RS232/USB
Display	7 inch color touch screen
Weight	9kg
Overall dimensions	500mm x 330mm x 220mm