

Abbe Refractometer



KAR-1700

The Abbe Refractometer is a precision laboratory instrument designed for measuring the refractive index and Brix (sugar concentration) of liquid samples. It requires only a few drops of the sample and provides highly accurate and reliable results. This instrument is widely used in chemical, pharmaceutical, food processing, sugar, and research laboratories for quality control and analytical applications.

Key Features

- High precision optical measurement system
- Measures refractive index and Brix value
- Requires only a few drops of sample
- Clear and easy-to-read scale
- Durable metal body construction
- Suitable for laboratory and industrial applications
- Accurate and reliable measurement results

Technical Specifications

Parameter	Specification
Refractive Index (nd) Range	1.300 – 1.700
Refractive Index Accuracy	±0.0002
Minimum Division (nd)	0.0005
Brix Range	0 – 95 %
Brix Minimum Division	0.25 %
Temperature Range	0 °C – 50 °C

Applications

- Chemical laboratories
- Food and beverage industry
- Sugar industry
- Pharmaceutical laboratories
- Research and quality control laboratories