



POPULAR TRADERS

Your Partner in Laboratory & Pharmaceutical Solutions



ABBE REFRACTOMETER

PT-463 Refractive Index · ND 1.300 to 1.700 · Sugar 0 to 95%

Accurate, quick examination of the refractive index and mean dispersion of liquids, solids and powder, with a direct sugar percentage scale.



1.700
ND MAX

CERTIFIED & COMPLIANT



ND 1.300 - 1.700

Range, step 0.001

± 0.0002

Accuracy

0 - 95%

Sugar scale

0 - 100°C

Temperature

Abbe double prism compensator · Thermometer on double prism · Direct field reading



Technical Specifications

Parameter	Specification
Range	ND 1.300 to 1.700, step 0.001
Accuracy	± 0.0002
Sugar Scale	0 to 95%, steps of 1 division
Sugar Accuracy	0.5%
Temperature	0 - 100°C
Body	Fixed, leaning of 60°
Optics	Abbe double prism, compensator
Reading	Sector, magnifier, vernier arm
Thermometer	Fitted on the double prism
HSN Code	90275020

Model Options

Catalogue	Description
PT-463	Abbe Refractometer
PT-463/05	Water bath, digital temp. controller

Optional Accessories

- PT-463/05 Circulated water bath with digital temperature controller

Applications

- Refractive index of liquids, solids and powder
- Mean dispersion measurement
- Sugar percentage measurement
- Laboratory and quality control use

Why PT-463

- Wide range: ND 1.300 to ND 1.700.
- Accuracy of ± 0.0002.
- Refractive index and sugar % read directly.
- Abbe double prism with achromatic compensator.
- Thermometer fitted on the double prism.

Standards & Quality

- Manufactured under an ISO 9001:2015 quality system.
- Optional circulated water bath for temperature control.

Request a Quotation

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