

Portable Refracto-Polarimeter RePo-5



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The RePo-5 can determine refractive index(nD).

In addition to angle of rotation and Brix, the RePo-5 can also display the refractive index (nD) of a sample. The RePo-5 is ideal for quality control in various industries such as fragrances, cosmetics, or pharmaceutical. **RePo-5 satisfies Pharmacopoeia standards.**

Specifications

Model	RePo-5
Cat.No.	5015
Measurement Readings	Angle of Rotation, Brix, Refractive index, Temperature
Range	Angle of Rotation: -5.00 to +5.00° *Convertible to -25.00° to +25.00° with a 100mm observation tube *Convertible to -50.00° to +50.00° with a 200mm observation tube Brix: 0.0 to 85.0% Refractive index: 1.3306 ~ 1.5050 Temperature: 15.0 to 40.0°C
Resolution	Angle of Rotation : 0.01° Brix : 0.1% Refractive index : 0.0001 Temperature : 0.1°C
Accuracy	Angle of Rotation: ±0.1° (20°C) Brix : ±0.2% Refractive index: ±0.0002 (20°C) Temperature: ±1°C
Temperature compensation	Brix : 15 to 40°C
Light source	LED
Measurement Time	12 seconds
Power Supply	Size AAA alkaline battery x4
International Protection Class	IP67

Options

- Standard liquid Repo-series : RE-99110
- MAGIC™ for RePo : RE-79000
- RePo Small Volume Adapter : RE-72093
- RePo Reduced Optical Path Adapter 5mm : RE-72094
- RePo Reduced Optical Path Adapter 5mm(Adapter only) : RE-72095
- RePo Reduced Optical Path Adapter 5mm(Glass Cell only) : RE-72096
- RePo Reduced Optical Path Adapter 10mm : RE-72097
- RePo Reduced Optical Path Adapter 10mm(Adapter only) : RE-72098
- RePo Reduced Optical Path Adapter 10mm(Glass Cell only) : RE-72099