

Portable Refracto-Polarimeter RePo-3


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The RePo-3 can determine the amount of invert sugar (%) converted from sucrose.

In addition to angle of rotation and Brix, the RePo-3 also converts and displays the amount of invert sugar (%) derived from sucrose. The RePo-3 is ideal for various industries such as sugar refining.

Specifications

Model	RePo-3
Cat.No.	5013
Measurement Readings	Angle of Rotation, Brix, Invert ratio % at Inverted sugar, 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% Invert ratio % of sucrose: 0.0 to 99.9% Temperature: 15.0 to 40.0°C
Resolution	Angle of Rotation : 0.01° Brix : 0.1% Invert ratio : 0.1% Temperature : 0.1°C
Accuracy	Angle of Rotation : ±0.1° (20°C) Brix : ±0.2% 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