

Portable Refracto-Polarimeter RePo-2



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The RePo-2 can determine the amount of fructose (%) in HFCS.

Like the RePo-1, the RePo-2 is a two-in-one refractometer and polarimeter hybrid. In addition to angle of rotation and Brix, the RePo-2 also converts and displays the amount of fructose (%) within HFCS. The RePo-2 is ideal for various industries such as food and beverage, or sugar refining.

Specifications

Model	RePo-2
Cat.No.	5012
Measurement Readings	Angle of Rotation, Brix, Fructose % at HFCS, 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% Fructose % : 0.0 to 99.9% Temperature: 15 to 40°C
Resolution	Angle of Rotation : 0.01° Brix : 0.1% Fructose : 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