

Portable Refracto-Polarimeter RePo-4



Shop



Quotation Request



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The RePo-4 can determine the amount of fructose (%) and honey moisture (%).

In addition to angle of rotation and Brix, the RePo-4 also converts and displays the amount of fructose (%) and honey moisture (%). The RePo-4 is ideal for total quality control of honey.

Specifications

Model	RePo-4
Cat.No.	5014
Measurement Readings	Angle of Rotation,Brix, Temperature,Fructose% of honey, Honey Moisture %
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% Honey Moisture % : 13.0 to 30.0% Temperature : 15.0 to 40.0°C
Resolution	Angle of Rotation : 0.01° Brix : 0.1% Fructose % : 0.1% Honey Moisture % : 0.1% Temperature : 0.1°C
Accuracy	Angle of Rotation : ±0.1° (at 20°C) Brix : ±0.2% Honey Moisture % : ±0.2% Temperature : ±1°C
Temperature compensation	Brix : 15 to 40°C Honey Moisture % : 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