



Digital Refractometer/Polarimeter RePo

ATAGO

Digital Refractometer/Polarimeter RePo

All-in-One refractometer and polarimeter hybrid unit. Only 3 ml sample is needed. With the press of a button, purity, international sugar scale, specific rotation and concentration can be displayed. Users can also set an upper and lower measurement limit. An indicator light alerts the user if a measurement value is within the limits.

RePo-1: can measure both brix and optical rotation of the sample.

RePo-1 Package includes: Main unit, 100 ml beaker, 50 x Syringe Filters orange 45, 3 x 20 ml Syringes, 100 x Easy filter.

RePo-2: As RePo-1, additionally the RePo-2 also determines and displays the amount of fructose (%) within HFCS. The RePo-2 is ideal for various industries such as food and beverage, or sugar refining.

RePo-3: As RePo-1, additionally the RePo-3 also determines and displays the amount of invert sugar (%) derived from sucrose. The RePo-3 is ideal for various industries such as sugar refining.

RePo-4: As RePo-1, additionally the RePo-4 also determines and displays the amount of fructose (%) and honey moisture (%). The RePo-4 is ideal for total quality control of honey.

RePo-5: As RePo-1, additionally 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.

Specifications

Measurement range

Angle of Rotation:

Brix (%):

Temperature:

-5 to +5°

0 to 85 %

15 to 40 °C

Resolution

Angle of Rotation:



Temperature:

Brix (%):

0.01°

0.1 %

0.1 °C

Accuracy

Angle of Rotation:

Brix (%):

Temperature:

±0.1° (at 20 °C)

±0.2 %

±1°C

Working temperature: 5 to 40 °C

Wavelength: 589 nm

Power supply: 4 x Size AAA alkaline battery

Dimensions: 101 x 160 x 38 mm

Weight: 325 g

IP code: IP 67

Code	Description	Packaging
LLG06266905	Digital Refractometer/Polarimeter RePo, Type RePo-1, For Sugar	1 pz
LLG06286462	Digital Refractometer/Polarimeter RePo, Type RePo-1 Package, For Sugar	1 pz
LLG06286463	Digital Refractometer/Polarimeter RePo, Type RePo-2, For Fructose	1 pz
LLG06286464	Digital Refractometer/Polarimeter RePo, Type RePo-3, For Inverted sugar	1 pz



Code	Description	Packaging
LLG06286465	Digital Refractometer/Polarimeter RePo, Type RePo-4, For Fructose in Honey / Honey (moisture)	1 pz
LLG06286466	Digital Refractometer/Polarimeter RePo, Type RePo-5, For Refractive index	1 pz



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 a Certified Quality
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