

**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
LLG06286463	Digital Refractometer/Polarimeter RePo, Type RePo-2, For Fructose	1 pz.
LLG06286465	Digital Refractometer/Polarimeter RePo, Type RePo-4, For Fructose in Honey / Honey (moisture)	1 pz.
LLG06286464	Digital Refractometer/Polarimeter RePo, Type RePo-3, For Inverted sugar	1 pz.
LLG06286462	Digital Refractometer/Polarimeter RePo, Type RePo-1 Package, For Sugar	1 pz.



Code	Description	Packaging
LLG06286466	Digital Refractometer/Polarimeter RePo, Type RePo-5, For Refractive index	1 pz.
LLG06266905	Digital Refractometer/Polarimeter RePo, Type RePo-1, For Sugar	1 pz.



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