



## Refractometer Honey (Water content) with "ATC" (10-30 %)

15305215

A refractometer is an optical measuring device used to measure the refractive index of various liquids. There are different types of refractometers, some of which are stationary and others handheld. However, they all work on the same principle of the refractive index of light.

With a refractometer you can measure the sugar content of fruit and malt, the water content of honey, the ability of antifreeze to keep liquids frost-free, the density of urine or the acid content of a battery. Likewise, a refractometer can measure saline solutions in seawater and the alcohol content of clear spirits or the alcohol solution in ex. IPA alcohol in geothermal heating systems.

This refractometer has been specially designed to determine the moisture in honey. Honey is a hygroscopic liquid that has excellent water absorbing properties, which is why honey will change in moisture content according to the surrounding atmosphere. The moisture level in natural, raw honey usually varies from 14% to 18% (or more). If you detect that your honey has a high water content, there are methods to "dry out" your honey to preserve it.

Temperature Compensation (ATC) that automatically correct temperature discrepancies during use. Body of full copper, which makes this refractometer resistant to chemical corrosion, and the service life is increased many times compared to ordinary aluminum houses.

**Note: Read the user manual carefully before calibration.**

### Product details

Item no. 15305215

### EAN

Customs tariff 9027899000

Sales Quantity 1

### Product specifications

Barcode 5708004074977

Resolution 10-30%

Measuring range 10~30% fugtighed

Model Honey

Product type Refractometer

Accuracy  $\pm 0,10\%$

Length 170 mm

Diameter  $\emptyset$  40 mm

Automatic temperature compensation (ATC) Yes

Material Copper

Gross weight 0.400 kg

Net weight 0.210 kg