



## Refractometer Salinity (0-28% Salt / 0-32% Brix) with "ATC" for measuring of salinity

15305142

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 is mainly used in the food industry and designed for testing of the concentration of sugar and salinity solutions. It is widely used for sugar and soybean manufacturing, ketchup, Jams and more. One scale shows the concentration (percentage) of salt in water, the other scale shows the amount of sugar.

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.

### Product details

Item no. 15305142

### EAN

Customs tariff 9027899000

Sales Quantity 1

### Product specifications

Barcode 5708004074953

Resolution 0,2% Salinity / 0,2% Brix

Measuring range 0-28% Salinity / 0-32% Brix

Model Salinity

Product type Refractometer

Accuracy  $\pm 0,2\%$  /  $\pm 0,2\%$

Length 207 mm

Diameter  $\emptyset$  40 mm

Automatic temperature compensation (ATC) Yes

Material Copper

Gross weight 0.400 kg

Net weight 0.210 kg