



## 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            | 5708004075547 |
| Customs tariff | 9027899000    |
| Sales Quantity | 1             |

### Product specifications

|  |                             |
|--|-----------------------------|
| Barcode                                  | 5708004074953               |
| Resolution                               | 0,2% Salinity / 0,2% Brix   |
| Automatic temperature compensation (ATC) | Yes                         |
| Diameter Ø                               | 40 mm                       |
| Length                                   | 207 mm                      |
| Measuring range                          | 0-28% Salinity / 0-32% Brix |
| Material                                 | Copper                      |
| Model                                    | Salinity                    |
| Accuracy                                 | ±0,2% / ±0,2%               |
| Product type                             | Refractometer               |
| Gross weight                             | 0.400 kg                    |
| Net weight                               | 0.210 kg                    |