



## Refractometer Salinity (0-100‰ / 1,000-1,070 sg) with "ATC" for measuring of salinity

15305138

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 designed for testing of the concentration of salt water and brine. It is mainly used in areas for quality control in research and clinical laboratories as well as in the marine industry. Its scale provides a direct reading of the specific gravity and concentration (part per thousand) of salt in water. One scale checks the NaCl levels within the range of 0-100 ppt and the other scale gauges specific gravity with a range of 1.000 to 1.070. Both enables the direct determination of salinity in water that contains dissolved salt and little or no other dissolved solids. It is very suitable for marine saltwater tanks.

Temperature Compensation (ATC) that automatically correct temperature discrepancies during use. Body of full copper which

### Product details

Item no. 15305138

### EAN

Customs tariff 9027899000

Sales Quantity 1

### Product specifications

Barcode 5708004074946

Resolution 0,01‰ / 0,001 sg

Measuring range 0-100‰ / 1,000-1,070 sg

Model Salinity

Product type Refractometer

Accuracy 0,01‰ / 0,001 sg

Length 195 mm

Diameter Ø 40 mm

Automatic temperature compensation (ATC) Yes

Material Copper

Gross weight 0.420 kg

Net weight 0.230 kg