



# Refractometer Auto (EG/PG/CW/BF) with "ATC"

15305120

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 used to determine the freezing point of either ethylene (EG) or propylene (PG) glycol-based cooling systems. It can also be used to test the concentration of ethylene glycol or propylene glycol in antifreeze liquids. It also has an additional scale for the measuring of the density of battery fluid (BF) and the freezing point of cleaning fluid (CF).

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.

The refractometer has the following specifications:

Product details	
Item no.	15305120
EAN	5708004011606
Customs tariff	9027500000
Sales Quantity	1
Product specifications	
Barcode	5708004011606
Resolution	5°C / 5°C / 5°C / 0,01 sg
Automatic temperature compensation (ATC)	Yes
Diameter Ø	40 mm
Measuring range	EG:-50°C-0°C / PG:-50°C-0°C / CW:-40°C-0°C / BF: 1,100-1,400 sg
Material	Copper
Model	Auto
Accuracy	±5°C / ±5°C / ±5°C / ±0,01 sg
Product type	Refractometer
Gross weight	0.370 kg
Net weight	0.180 kg

15305120 EG 5000 000 / PG 5000 000 / CF