



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

15305105

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. Same refractometer as art. 15305120 however with AdBlue scale included.

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). On the Adblue scale, you can check if the concentration of Urea in Adblue is correct. Adblue is an additive for newer diesel engines and the concentration must often be between 30 and 35%.

Temperature Compensation (ATC) that automatically correct

Product details	
Item no.	15305105
EAN	5708004062820
Customs tariff	9027500000
Sales Quantity	1

Product specifications	
Barcode	5708004062820
Resolution	5°C / 5°C / 5°C / 0,01 sg / 0,5%
Automatic temperature compensation (ATC)	Yes
Diameter Ø	40 mm
Length	175 mm
Measuring range	EG:-50°C-0°C / PG:-50°C-0°C / CW:-40°C-0°C / BF: 1,100-1,400 sg / Adblue: 30%-35%
Material	Copper
Model	Auto
Accuracy	±5°C / ±5°C / ±5°C / ±0,01 sg / ±0,5%
Product type	Refractometer
Gross weight	0.390 kg
Net weight	0.200 kg