



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 corrects

Product details

Item no. 15305105

EAN

Customs tariff 9027899000

Sales Quantity 1

Product specifications

Barcode 5708004062820

Resolution 5°C / 5°C / 5°C / 0,01 sg / 0,5%

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%

Model Auto

Product type Refractometer

Accuracy ±5°C / ±5°C / ±5°C / ±0,01 sg / ±0,5%

Length 175 mm

Diameter Ø 40 mm

Automatic temperature compensation (ATC) Yes

Material Copper

Gross weight 0.390 kg

Net weight 0.200 kg