



Handheld Refractometer PCE-SG Antifreeze



PCE-SG Handheld Refractometer

Portable refractometer for use with coolants, antifreeze, battery acid and cleaning products

PCE-SG is a handheld refractometer used to determine the specific gravity (sg) of electrolyte solution batteries as well as the freezing point of propylene or ethylene glycol-based coolants in degrees Celsius (°C). Maintaining the proper antifreeze concentration in an engine can prevent costly repairs. Thus, this tool is used worldwide by trucking and automotive technicians to ensure proper dilution. This refractometer works well for measuring cleaning products too. The instrument also gives indication of the charge level in battery acid.

The ultra-smooth focusing eyepiece provides high-quality optics, presenting an easy-to-read scale on a semi-transparent blue background. Ambient room lighting offers ample illumination to clearly read the results.

- ▶ For use with coolants, antifreeze, battery acid and cleaning products
- ▶ Ultra-smooth focusing eyepiece
- ▶ High-quality optics
- ▶ Easy-to-read scale
- ▶ Requires only ambient room lighting to clearly read results
- ▶ Handheld, portable and user friendly
- ▶ Displays ethylene glycol, propylene glycol and cleaning solution measurements in **degrees Celsius (°C) only**

Subject to change

Specifications

Measuring ranges

Ethylene glycol: -50 ... 0 °C

Propylene glycol: -50 ... 0 °C

Battery acid: 1.15 ... 1.30 sg

Cleaner: -40 ... 0 °C

Resolution

Ethylene glycol: 5 °C

Propylene glycol: 5 °C

Battery acid: 0.01 sg

Cleaner: 5 °C

Accuracy

Ethylene glycol: ± 5 °C

Propylene glycol: ± 5 °C

Battery acid: ± 0.01 sg

Cleaner: ± 5 °C

General specifications

Calibration: Zero calibration with distilled water at 20 °C

Dimensions: Approx. 157 x 29 mm diameter / 6.18 x 1.14" diameter

Weight: Approx. 230 g / 0.51 lb

More information

Manual



Video



More product info



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