



KERN Refractometer ORF, 1.10-1.51

Product Images



Description

- The models of the KERN ORF-U series are precise, universal, maintenance-free digital handheld refractometers
- They are characterized by their easy handling and robustness
- Their handy design makes them suitable for convenient and quick everyday use
- The KERN ORF-U series is protected against dust and splash water according to the international protection class IP65. You can rinse the refractometer under running water after use.
- The large and clearly readable TFT color display with integrated temperature display supports the user in the reliable determination of the measured value.
- The large selection of models with simple or multiple measuring scales enables use in many areas of application
- The optimized instrument software can output measured values in different measuring scales
- The integrated automatic temperature compensation (ATC) allows an easy and fast operation, because no manual conversion of the measurement result is necessary

- Factory calibration of the refractometer ensures immediate application and accurate measurement of your sample

Included in delivery:

- Calibration solution
- Pipette
- Storage case
- 2×AAA batteries
- Leather case
- Screwdriver
- Cleaning cloth

Technical data:

- Measuring temperature: 5-40 °C
- Overall dimensions W×D×H 145×67×40 mm
- Net weight approx. 190 g
- Power supply: 2×1.5 V AAA
- Battery life: approx. 3,750 measurements
- ATC (Automatic Temperature Compensation)
- Minimum sample volume: 2 drops
- Automatic power management (AUTO-OFF after 90 seconds)

Application area industry/automotive

The following models are particularly suitable for the measurement and determination of AdBlue, glycol concentrations (ethylene: EG and propylene: PG), battery flux (BF), urea (Urea) and freezing point measurement of wiper water (CW) and refractive index. Furthermore, these models are suitable for the measurement of temperature exchange systems.

Main application areas:

- Automotive industry
- Chemical industry
- Solar industry (frost protection control)
- Geothermal industry (brine concentration measurement for geothermal energy)
- Forestry industry

Additional Information

No.	KP-5113
Manufacturer (Brand)	KERN
EAN	4058072146658
Optical devices properties	mit automatischer Temperaturkompensation (ATC)
Refractometer measures	Ethylengehalt Propylengehalt Gefrierpunkt Wischwasser
Manufacturer	KERN
Refractometer type	Handrefraktometer

