

Digital Refractometers ORF-E, KERN



WW6CF015

KERN

Digital refractometers ORF-E

Digital refractive index measurement for universal applications

- The models in the KERN ORF-E range are accurate, universal and maintenance-free digital manual refractometer
- Other key features are the easy handling and sturdiness
- The handy and robust design allows the easy, efficient and sustainable use in everyday life
- The large, easy-to-read TFT colour display with integrated temperature display supports the user to reliably determine the measurement.
- The integrated automatic temperature compensation (ATC) means that you can work easily and quickly, as you do not have to manually convert the measurement
- Due to the fact that the refractometer has been calibrated at the factory, this guarantees that it can be used immediately for accurately measuring your sample

Included in the scope of supply:

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

Technical data:

Measuring temperature:	10° to 40°C
Dimensions tot. (WxDxH):	145 x 67 x 40 mm
Net weight:	ca. 200 g
Power supply:	2 x AAA (1,5 V)
Battery lifetime:	approx. 5,000 measurements
ATC:	automatic temperature compensation, does not apply to the refractive index scale
Sample volumes:	2 to 3 drops
Automatic energy management:	AUTO-OFF after 90 seconds

Model	Measuring range nD/% Brix	Accuracy nD/% Brix	Increment nD/% Brix	Order No.
ORF 45BE	0 – 45%	± 0.2 %	0.10%	10 58 34501
ORF 45RE	1.3330 – 1.4098 nD	± 0.0003 nD	0.0001 nD	10 58 34502

Accessories

Article	Order No.
Calibration solution distilled water, volume 2.5 ml	10 58 38137
Calibration solution triethyl citrate, volume 2.5 ml	10 58 38138
Leather case for digital refractometer (spare part)	10 58 38139

