

KERN ORA 90BE

KERN

Refractive index measurement for laboratories and the industry



Functions

IP protection - complete device -

Environmental conditions

Storage temperature [Min] -5 °C

Storage temperature [Max] 40 °C

Packing & Shipping

Dimensions transport container (W×D×H) 215×190×55 mm

Readability force [d] (N) 1 d

Dimensions packaging (W×D×H) 230×200×65 mm

Net weight 0,91735 kg

Shipping method Parcel service

Net weight approx. 0,95 kg

Gross weight approx. 1,2 kg

Shipping weight 1,01 kg

Pictograms

STANDARD



Category

Brand	Optics
Product category	Refractometer
Product group	Analogue refractometer
Product family	ORA-E

Measuring System

Measuring method	Light refraction Total reflection
Area of application	Expert applications
Appropriate calibration liquid	0 % (distilled water)
Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Brix scale	✓
Readout Brix	0,2 %
Measuring range Brix [Min]	0 %
Measuring range Brix [Max]	42 %
Readout Brix II	0,2 %
Measuring range Brix II [Min]	42 %
Measuring range Brix II [Max]	71 %
Readout Brix III	0,2 %
Measuring range Brix III [Min]	71 %
Measuring range Brix III [Max]	90 %

Construction

Dimension (W×D×H)	200×40×40 mm
Refractometer type	Handheld refractometer
Scale - Display type	Analogue
Material prism	ZLaF3 lanthanum flint glass nd=1.85544