

# 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