

KERN ORA 90BE

KERN

Refractive index measurement for laboratories and the industry



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

Functions

IP protection - complete device	-
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Environmental conditions

Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Dimensions transport container (W×D×H)	215×190×55 mm
Delivery time	1 d
Dimensions packaging (W×D×H)	230×200×65 mm
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

Area of application	Expert applications
Measuring method	Light refraction Total reflection

Scales	Brix
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Measuring ranges	0 % - 42 % 42 % - 71 % 71 % - 90 %
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Readabilities [d]	0,2 % 0,2 % 0,2 %
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Appropriate calibration liquid	0 % (distilled water)
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Measurement temperature [Min] (°C)	10 °C
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Measurement temperature [Max] (°C)	30 °C
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Brix scale	✓
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Measuring range Brix [Min]	0 %
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Measuring range Brix [Max]	42 %
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Readout Brix	0,2 %
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Measuring range Brix II [Min]	42 %
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Measuring range Brix II [Max]	71 %
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Readout Brix II	0,2 %
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Measuring range Brix III [Min]	71 %
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Measuring range Brix III [Max]	90 %
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Readout Brix III	0,2 %
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