

KERN ORA 90BE

Refractive index measurement for laboratories and the industry

KERN



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

Product information

GTIN/EAN number	4045761160156
REACH classification	no prohibited substances

Pictograms

STANDARD



Category

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

Measuring System

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