

KERN ORA 80BE

KERN

Refractive index measurement for laboratories and the industry



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
Measuring range Brix [Min]	0 %
Scales	Brix
Measuring ranges	0 % - 50 % 50 % - 80 %
Readabilities [d]	0,5 % 0,5 %
Readout Brix	0,5 %
Measuring range Brix II [Min]	50 %
Measuring range Brix II [Max]	80 %
Readout Brix II	0,5 %
Appropriate calibration liquid	0 % (distilled water)
Measuring range Brix [Max]	50 %
Brix scale	✓
Area of application	Expert applications

Construction	
Dimension (W×D×H)	180×40×40 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

Services (optional)

Article number for factory calibration	961-290
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Packing & Shipping

Dimensions transport container (W×D×H)	215×190×55 mm
Delivery time	1 d
Dimensions packaging (W×D×H)	215×95×65 mm
Shipping method	Parcel service
Net weight approx.	0,80 kg
Gross weight approx.	0,85 kg
Shipping weight	0,81 kg

Product information

GTIN/EAN number	4045761160149
REACH classification	no prohibited substances

Pictograms

STANDARD

