

KERN ORA 82BB

KERN

Refractive index measurement for laboratories and the industry



Category	
Brand	Optics
Product category	Refractometer
Product group	Analogue refractometer
Product family	ORA-B

Measuring System	
Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Calibration block required	✓
Measuring method	Light refraction
Measuring range Brix [Min]	45%
Scales	Brix
Measuring ranges	45 % - 82 %
Readabilites [d]	0,5 %
Readout Brix	0,5%
Appropriate calibration liquid	78,8 % (clove oil)
Measuring range Brix [Max]	82%
Brix scale	✓
Area of application	Sugar

Construction	
Dimension (W×D×H)	137×40×40 mm
Refractometer type	Handheld refractometer
Scale - Display type	Analogue
Material prism	ZLaF3 lanthanum flint glass nd=1.85544

Functions	
IP protection - complete device	-

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

Services (optional)	
Article number for factory calibration	961-290

Packing & Shipping	
Dimensions transport container (W×D×H)	205×75×55 mm
Delivery time	1 d
Dimensions packaging (W×D×H)	215×94×65 mm
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,40 kg
Shipping weight	0,4 kg

Product information	
GTIN/EAN number	404576 1483477
Trade number	90275000
REACH classification	no prohibited substances

Pictograms

STANDARD

