

KERN ORA 80BE

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

Services (optional)

Article number for factory calibration 961-290

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

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

Scales Brix

Measuring ranges 0 % - 50 %
50 % - 80 %

Readabilities [d] 0,5 %
0,5 %

Appropriate calibration liquid 0 % (distilled water)

Measurement temperature [Min] (°C) 10 °C

Measurement temperature [Max] (°C) 30 °C

Brix scale ✓

Measuring range Brix [Min] 0 %

Measuring range Brix [Max] 50 %

Readout Brix 0,5 %

Measuring range Brix II [Min] 50 %

Measuring range Brix II [Max] 80 %

Readout Brix II 0,5 %

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