

KERN ORA 3AA

KERN

Refractive index measurement for laboratories and the industry



Material prism

ZLaF3 lanthanum flint
glass $n_d = 1.85544$

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)

205×75×55 mm

Readability force [d] (N)

1 d

Dimensions packaging (W×D×H)

215×94×65 mm

Net weight

0,26772 kg

Shipping method

Parcel service

Net weight approx.

0,30 kg

Gross weight approx.

0,35 kg

Shipping weight

0,32 kg

Services (optional)

Article number for factory
calibration

961-290

Pictograms

STANDARD



Category

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

Measuring System

Automatic temperature compensation (ATC)	✓
Measuring method	Light refraction
Area of application	Beer
Appropriate calibration liquid	0 % (distilled water)
Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Brix scale	✓
Readout Brix	0,2 %
Measuring range Brix [Min]	0 %
Measuring range Brix [Max]	32 %
Scale original hopped wort (specific gravity)	✓
Readout original hopped wort (specific gravity)	0,001
Measuring range original hopped wort (specific gravity) [Min]	1,000
Measuring range original hopped wort (specific gravity) [Max]	1,130

Construction

Dimension (W×D×H)	198×40×40 mm
Refractometer type	Handheld refractometer
Scale - Display type	Analogue