

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 |