

KERN ORA 3HB

KERN

Refractive index measurement for laboratories and the industry



| | |
|----------------------|-----------------------------------------|
| 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

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

0,25272 kg

Shipping method

Parcel service

Net weight approx.

0,30 kg

Gross weight approx.

0,35 kg

Shipping weight

0,305 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-H |

Measuring System

| | |
|-------------------------------------|--------------------|
| Measuring method | Light refraction |
| Area of application | Honey |
| Appropriate calibration liquid | 78,8 % (clove oil) |
| Calibration block required | ✓ |
| Measurement temperature [Min] (°C) | 10 °C |
| Measurement temperature [Max] (°C) | 30 °C |
| Brix scale | ✓ |
| Readout Brix | 0,5 % |
| Measuring range Brix [Min] | 58 % |
| Measuring range Brix [Max] | 92 % |
| Scale for Baumé | ✓ |
| Readout Baumé | 0,5 °Bé |
| Measuring range Baumé [Min] | 38 °Bé |
| Measuring range Baumé [Max] | 43 °Bé |
| Scale water content | ✓ |
| Readout water content | 1 % |
| Measuring range water content [Min] | 12 % |
| Measuring range water content [Max] | 27 % |

Construction

| | |
|-------------------|--------------|
| Dimension (W×D×H) | 160×40×40 mm |
|-------------------|--------------|