

KERN ORA 3HA

KERN

Refractive index measurement for laboratories and the industry



Category

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

Measuring System

Automatic temperature compensation (ATC)	✓
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
Refractometer type	Handheld refractometer
Scale - Display type	Analogue
Material prism	ZLaF3 lanthanum flint glass nd= 1.85544

Functions

IP protection - complete device	-
Automatic temperature compensation	✓

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
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Pictograms

STANDARD

