KERN **ORA 3HA**

Refractive index measurement for laboratories and the industry



Category

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

Measuring System

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

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

Automatic temperature compensation	✓
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)	205×75×55 mm
Delivery time	1 d
Dimensions packaging (W×D×H)	215×94×65 mm
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	0,35 kg
Shipping weight	0,305 kg

Pictograms

STANDARD

