KERN **ORA 6HA**

Refractive index measurement for laboratories and the industry



Date of creation: 24.10.2026

Category

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

Measuring System

Scales	Water content
Measurement temperature [Max] (°C)	30 °C
Measurement temperature [Min] (°C)	10 °C
Readabilites [d]	0,1 %
Appropriate calibration liquid	19,6 % (clove oil)
Calibration block required	✓
Measuring method	Light refraction
Automatic temperature compensation (ATC)	✓
Scale water content	✓
Measuring range water content [Min]	12 %
Measuring range water content [Max]	30 %
Readout water content	0,1 %
Measuring ranges	12 % - 30 %
Area of application	Honey

Construction

Dimension (W×D×H)	168×40×40 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

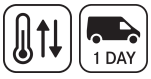
Dimensions transport container (W×D×H)	205×75×55 mm
Delivery time	1 d
Dimensions packaging (W×D×H)	215×94×65 mm
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	0,45 kg
Shipping weight	0,41 kg
Shipping volume weight	0,3 kg

Product information

GTIN/EAN number	4045761483491
Trade number	90275000
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

