

KERN ORA 1WA

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	-
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	0,25772 kg
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	0,35 kg
Shipping weight	0,31 kg

Services (optional)

Article number for factory calibration	961-290
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Pictograms

STANDARD



Category	
Brand	Optics
Product category	Refractometer
Product group	Analogue refractometer
Product family	ORA-W

Measuring System

Automatic temperature compensation (ATC)	✓
Measuring method	Light refraction
Area of application	Wine
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]	23 %
Scale KMW (Babo)	✓
Readout KMW (Babo)	0,25 °KMW
Measuring range KMW (Babo) [Min]	0 °KMW
Measuring range KMW (Babo) [Max]	25 °KMW
Scale Oechsle	✓
Readout Oechsle	1 °Oe
Measuring range Oechsle [Min]	0 °Oe
Measuring range Oechsle [Max]	140 °Oe

Construction

Dimension (W×D×H)	178×40×40 mm
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