KERN **ORA 3WA**

Refractive index measurement for laboratories and the industry



Date of creation: 23.10.2026

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

Measuring System	
Scales	Brix Oechsle
Measurement temperature [Max] (°C)	30 °C
Measurement temperature [Min] (°C)	10 °C
Readabilites [d]	0,2 % 1 °Oe
Appropriate calibration liquid	0 % (distilled water)
Measuring method	Light refraction
Automatic temperature compensation (ATC)	✓
Measuring range Oechsle [Min]	30 °Oe
Measuring range Oechsle [Max]	140 °Oe
Readout Oechsle	1 °Oe
Scale Oechsle	✓
Measuring ranges	0 % - 32 % 30 °Oe - 140 °Oe
Area of application	Wine
Readout Brix	0,2 %
Measuring range Brix [Min]	0 %
Measuring range Brix [Max]	32 %
Brix scale	✓

Construction	
Dimension (W×D×H)	178×40×40 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

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	0,31 kg
Shipping volume weight	0,3 kg

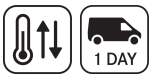
Product information	
GTIN/EAN number	4045761160040
Trade number	90275000
Warranty Time	24 mon
REACH classification	no prohibited substances

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Pictograms

STANDARD



OPTION

