

KERN ORA 3SA

KERN

Refractive index measurement for laboratories and the industry



Category

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

Measuring System

Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Measuring method	Light refraction
Measuring range Brix [Min]	0%
Scales	Brix Salt (NaCl)
Measuring ranges	0 % - 32 % 0 % - 28 %
Readabilities [d]	0,2 % 0,2 %
Readout Brix	0,2%
Automatic temperature compensation (ATC)	✓
Measuring range salinity (NaCl) % [Min]	0%
Measuring range salinity (NaCl) % [Max]	28%
Readout salinity (NaCl) %	0,2%
Scale salinity (NaCl) %	✓
Appropriate calibration liquid	0 % (distilled water)
Measuring range Brix [Max]	32%
Brix scale	✓
Area of application	Salt

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

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
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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

Product information

GTIN/EAN number	404576 1483446
Trade number	90275000
REACH classification	no prohibited substances

Pictograms

STANDARD

