

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	
Automatic temperature compensation (ATC)	✓
Measuring method	Light refraction
Area of application	Salt
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]	32 %
Scale salinity (NaCl) %	✓
Readout salinity (NaCl) %	0,2 %
Measuring range salinity (NaCl) % [Min]	0 %
Measuring range salinity (NaCl) % [Max]	28 %

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

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

Pictograms

STANDARD

