

# KERN ORA 1AB

# KERN

Refractive index measurement for laboratories and the industry



## Category

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

## Measuring System

Measuring method	Light refraction
Area of application	Alcohol
Percentage by volume	0-50%(v/v) @ 1%(v/v) 50-80%(v/v) @ 2,5%(v/v)
Appropriate calibration liquid	0 % (distilled water)
Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Scale volume percentage	✓
Readout volume percentage	1 % (v/v)
Measuring range volume percentage [Min]	0 % (v/v)
Measuring range volume percentage [Max]	50 % (v/v)
Readout volume percentage I	2,5 % (v/v)
Measuring range volume percentage I [Min]	50 % (v/v)
Measuring range volume percentage I [Max]	80 % (v/v)

## Construction

Dimension (W×D×H)	198×40×40 mm
Refractometer type	Handheld refractometer
Scale - Display type	Analogue

Material prism

ZLaF3 lanthanum flint glass nd=1.85544

## Functions

IP protection - complete device

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## 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	0,26772 kg
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	0,35 kg
Shipping weight	0,32 kg

## Services (optional)

Article number for factory calibration	961-290
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## Pictograms

### STANDARD

