

KERN ORA 2AB

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
Appropriate calibration liquid	0 % (distilled water)
Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Scale percent by mass	✓
Readout percent by mass	1 % (w/w)
Measuring range percent by mass [Min]	0 % (w/w)
Measuring range percent by mass [Max]	50 % (w/w)
Readout percent by mass II	2,5 % (w/w)
Measuring range percent by mass II [Min]	50 % (w/w)
Measuring range percent by mass II [Max]	80 % (w/w)

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	-

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

Pictograms

STANDARD

