KERN **ORA 4AA**

Refractive index measurement for laboratories and the industry



Date of creation: 13.11.2026

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

Measuring System	
Scales	Plato
Measurement temperature [Max] (°C)	30 °C
Measurement temperature [Min] (°C)	10 °C
Readabilites [d]	0,1 °P
Appropriate calibration liquid	0 % (distilled water)
Measuring method	Light refraction
Automatic temperature compensation (ATC)	✓
Measuring range Plato [Min]	0 °P
Measuring range Plato [Max]	18 °P
Readout Plato	0,1 °P
Scale Plato	✓
Measuring ranges	0 °P - 18 °P
Area of application	Beer

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

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	0,32 kg
Shipping volume weight	0,3 kg

Product information	
GTIN/EAN number	4045761263413
Trade number	90275000
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

