

KERN ORA 1GG

KERN

Refractive index measurement for laboratories and the industry



Category

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

Measuring System

Measuring method	Total reflection
Area of application	Gemmology/Jewellery
Appropriate calibration liquid	Methylene iodide
Calibration block required	✓
Measurement temperature [Min] (°C)	10 °C
Measurement temperature [Max] (°C)	30 °C
Scale for Refractive index	✓
Readout refractive index	0,01 nD
Measuring range refractive index [Min]	1,30 nD
Measuring range refractive index [Max]	1,81 nD

Construction

Dimension (W×D×H)	137×70×32 mm
Refractometer type	Handheld refractometer
Scale - Display type	Analogue
Material prism	ZLaF3 lanthanum flint glass nd=1.85544
Contrasting methods	Polarisation

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)	215×190×55 mm
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	230×200×65 mm
Net weight	0,71816 kg
Shipping method	Parcel service
Net weight approx.	0,75 kg
Gross weight approx.	0,85 kg
Shipping weight	0,81 kg

Pictograms

STANDARD

