

KERN ORA 1GG



Refractive index measurement for laboratories and the industry



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



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)	20 °C
Measurement temperature [Max] (°C)	20 °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
Contrasting methods	Polarisation

Functions

IP protection - complete device	-
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