

KERN ORA 1GG

Refractive index measurement for laboratories and the industry



Category

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

Measuring System

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

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 -

Environmental conditions

Storage temperature [Min] -5 °C
Storage temperature [Max] 40 °C

Packing & Shipping

Dimensions transport container (W×D×H) 215×190×55 mm
Delivery time 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

