

PRODUCT BROCHURE

OPTICS ORA 1GG

Date: 09.03.2026

ENGLISH



Refractive index measurement for laboratories and the industry

CONTACT

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PRODUCT SHOWCASE



DESCRIPTION

- The models in the KERN ORA-G range are universal, maintenance-free analogue manual refractometers
- The handy and robust design allows the easy, efficient and sustainable use in everyday life
- These scales are especially developed, exactly calculated and checked. They are also characterized by their thin and clear lines.
- The optical system and the prism cover are made of special material which allows a low-tolerance measuring.
- All models are fitted with an eyepiece which can be adjusted easily and smoothly to different visual capacities
- Included with the delivery:
 - Storage box
 - Calibration block
 - Contact liquid
 - Pipette
 - Screwdriver
 - Cleaning cloth
- Further accessories are available optionally.
- This model has a special refracting-index range for jewellery. For this refractometer there is a nice leather bag in the scope of delivery included.
- Main scope of applications:
 - Jewellers
 - Jewellery industry
 - Training

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	ORA 1GG
Model-Serie	ORA-G
Assortment	Optics
Product Type	Refractometers
Product group	Analogue refractometers
Product usage type	Main article
EAN code (Model)	4045761159891
Customs tariff number	90275000
Country of Origin	CN

Technical data - Primary

Scales	Refractive index
Scale Range	1,30 nD - 1,81 nD

Technical data - Construction

Type	Handheld refractometer
Display scale	Analogue
Dimensions (W×D×H)	137×70×32 mm

Technical data - Measuring system

Measuring method	Total reflection
Measuring Temp min	10 °C
Measuring Temp max	30 °C
Readout	0.01 nD

Technical data - Environmental conditions

Storage Temp Min	-5 °C
Storage Temp Max	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	230×200×65 mm
Gross weight	0.85 kg
Net weight	0.75 kg
Shipping method	Parcel service
Packaging component - by weight - paper	918.4 mg
Packaging component - by weight - cardboard	90.0032 g
Packaging component - by weight - plastics	918.4 mg
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - foam	0 g
Delivery time	1 d

FUNCTIONS

Standard



ACCESSORIES

Model	Description
<u>ORA-A1007</u>	Liquid KERN ORA-A1007
<u>ORA-A1008</u>	Calibration block ORA-A1008
<u>ORA-A3001</u>	Liquid KERN ORA-A3001
<u>ORA-A2107</u>	Leather bag ORA-A2107
<u>OCS 901</u>	Cleaning Sets for Microscopes KERN OCS 901
<u>OCS-A1101</u>	Cleaning liquid KERN OCS-A1101

SPARE PARTS

Model	Description
<u>ORD-A2102</u>	Box for digital refractometer ORD-A2102
<u>ORD-A2106</u>	Single shipping box ORD-A2106
<u>ORA-A2010</u>	Pipette ORA-A2010