

PRODUCT BROCHURE

OPTICS ORA 6HA

Date: 07.05.2025

ENGLISH



Refractive index measurement for laboratories and the industry

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PRODUCT SHOWCASE



DESCRIPTION

- The models in the KERN ORA-H 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.
- NEW: Now with engraved serial number
- All models are fitted with an eyepiece which can be adjusted easily and smoothly to different visual capacities
- The temperature compensation ("ATC") enables accurate measurement at different ambient temperatures (10 °C to 30 °C)
- Included with the delivery:
 - Storage box
 - Calibration block
 - Contact liquid
 - Pipette
 - Screwdriver
 - Cleaning cloth
- Further accessories are available optionally.
- The following model is particularly suitable for measuring the water content in honey
- Main scope of applications:
 - Beekeeping
 - Honey production

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	ORA 6HA
Model-Serie	ORA-H
Assortment	Optics
Product Type	Refractometers
Product group	Analogue refractometers
Product usage type	Main article
EAN code (Model)	404576 148349 1
Predecessor Model	ORA 6HA-2023a; ORA 6HB
Customs tariff number	90275000

Technical data - Primary

Scales	Water content
Scale Range	12 % - 30 %
ATC	yes

Technical data - Construction

Type	Handheld refractometer
Display scale	Analogue
Dimensions (W×D×H)	168×40×40 mm

Technical data - Measuring system

Measuring method	Light refraction
Measuring Temp min	10 °C
Measuring Temp max	30 °C
Readout	0.1 %

Technical data - Environmental conditions

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

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	215×94×65 mm
Gross weight	0.35 kg
Net weight	0.30 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	26.14 g
Packaging component - by weight - plastics	26.14 g
Delivery time	1 d

FUNCTIONS

Standard



ACCESSORIES

Model	Description
ORA-A1002	Liquid KERN ORA-A1002
ORA-A1005	Calibration block ORA-A1005
ORA-A1101	Prism cover ORA-A1101
ORA-A2103	Leather bag ORA-A2103
ORA-A1010	Liquid KERN ORA-A1010
OCS-A1101	Cleaning liquid KERN OCS-A1101

SERVICES

Model	Description
970-012	Warranty extension KERN (+2 years) 970-012

SPARE PARTS

Model	Description
ORA-A2001	Prismatic flap ORA-A2001
ORA-A2002	Cover ORA-A2002
ORA-A2003	Eyepiece - rubber ORA-A2003
ORA-A2006	Rubber grip (53 mm) ORA-A2006
ORA-A2101	Refractometer box ORA-A2101
ORA-A2010	Pipette ORA-A2010

RELATED ARTICLES DATA

Model name	Scales	Scale Range	ATC
ORA 3HB	Brix Baumé Water content	58 % - 92 % 38 °Bé - 43 °Bé 12 % - 27 %	-
ORA 3HA	Brix Baumé Water content	58 % - 92 % 38 °Bé - 43 °Bé 12 % - 27 %	yes
ORA 6HA	Water content	12 % - 30 %	yes