PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN ORA 4AA

Refractive index measurement for laboratories and the industry

ENGLISH

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FEATURES

- The models in the KERN ORA-AL 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 especailly 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.
- The temperature compensation ("ATC") enables accurate measurement at different ambient temperatures (10 °C to 30 °C)
- 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 solution
  - Pipette
  - Screwdriver
  - Cleaning cloth
- Further accessories are available optionally.
- This model is particularly suitable for determining the sugar content of the original wort of beer in its unfermented state. The value can be read straightaway, without having to be converted, using the Degrees Plato scales.

MAIN SCOPE OF APPLICATIONS

- Beer brewers
- Alcohol production
- Pharmacies (non-medical)
- Pharmaceutical laboratories

TECHNICAL DATA

- Die-cast housing of copper-aluminium alloy, chrome coated
- Measurement temperature range: 10 °C – 30 °C
- Dimensions of the box W×D×H 205×75×55 mm
- Overall dimensions W×D×H 198×40×40 mm
- Net weight approx. 0,30 kg

PICTOGRAMS

Standard

Option

ACCESSORIES

Model	Description
OCS-A1101	Cleaning liquid OCS-A1101
OCS 901	Cleaning set for microscopes OCS 901
ORA-A1010	Calibration liquid ORA-A1010 (distilled water, 3 ml, 5 pieces)
ORA-A1101	Prismatic flap ORA-A1101
ORA-A2103	Leather cover ORA-A2103

KERN Pictogram Overview

Automatic temperature compensation (ATC): For measurements between 10 °C and 30 °C

Package shipment by courier service: The duration of internal product provision is one day

Factory calibration for refractometers: The refraction index standard can be reverted back to SRM from NIST and PTB

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