PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN ORA 3AA

Refractive index measurement for laboratories and the industry

ENGLISH



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ENGLISH

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
- Manually calculated conversions and errors of the user are avoided by multiple selectable scales.
- 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.
- NEW: 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 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.

MAIN SCOPE OF APPLICATIONS

- Alcohol production
- Beer brewers

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
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