

## **Refractometer analog (Abbe)**

**ORT1RS**

### **Product Description**

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Abbe refractometer ORT-1

The models in the KERN ORT-1 range are universal, analogue Abbe refractometers. The practical and robust design means that it can be used simply, efficiently and on a permanent basis, day in day out. The integrated scale allows it to be used in many application areas and offers the best possible security for being able to read the measuring result accurately

Included in the scope of supply:

- Calibration solution
- Calibration block
- Pipette
- Screwdriver
- Cleaning cloth
- Digital thermometer
- Further accessories are available as options



### **Technical Specification**

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Area of application: Industry/Pharmaceuticals/Laboratory

The following model is a simple yet highly reliable Abbe refractometer with a digital thermometer. Liquid, solid and pasty samples can be evaluated. This refractometer is robust, accurate and easy to use. Optionally a solide aluminium case for transport and storage is available. It measures the refractive index (nD).

Main areas of application:

- Sugar industry (raw cane sugar)
- Pharmaceuticals
- Drinks industry
- Food processing industry
- Chemical industry
- Oil industry/Refineries
- Laboratories
- Training

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### **Main Technical Parameters**

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Construction: Dimensions (W×D×H): 180 mm x 90 mm x 240 mm

Service: Factory calibration certificate: 961-290

Power supply: Battery: 1x LR44

Measuring system

- Accuracy:
  - 0.0002 nD
  - 0.1 %
- Division:
  - 0.0005 nD
  - 0.25 %
- Measuring capacity:
  - 1.3000 nD - 17000 nD
  - 0 % - 95 %
- Scales:
  - Refractive index
  - Brix

Packaging & shipping

- Delivery: 24 h
- Dimensions packaging (W×D×H): 350 mm x 270 mm x 130 mm
- Gross weight: 3 kg
- Net weight: 2,636 kg

### **Disclaimer**

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The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the

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use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development