PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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# KERN OAB 20LED

Precise and durable: the reliable companion for your laboratory

ENGLISH




## CONTACT

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## FEATURES

- The KERN OAB 20LED is an analogue polarimeter featuring ergonomic design and simple handling
- The high-performance LED used offers a significantly longer service life than conventional sodium-vapour lamps
- The illumination can be customised thanks to a brightness regulator
- The measuring principle is based on optical rotation according to the half-shade principle and guarantees precise results
- The flexible sample chamber allows the use of measuring tubes up to a length of 220 mm
- The delivery includes two measuring tubes (100 and 200 mm) with bubble trap for easy filling, replacement lenses and sealing rings

Main scope of applications:

- The OAB 20LED polarimeter is the perfect choice for simple laboratory applications in companies and institutes and combines user-friendliness, precision and durability. Thanks to the robust, low-maintenance LED technology that replaces conventional sodium-vapour lamps, it is ideal for everyday use in laboratories, pharmacies (non-medical) and training centres. Typical applications include precise incoming and outgoing checks of pharmaceutical products in laboratories. It is also ideal for practical exercises, experiments and chemical analyses in academia and industry, for example on the kinetics of sucrose inversion or for determining the concentration of polysaccharides

## MAIN SCOPE OF APPLICATIONS

- Pharmacies (non-medical)
- Beverage industry
- Food industry
- Chemical industry
- Laboratories
- Training

## TECHNICAL DATA

- Light source: (589 nm) high-power LED
- Stabilisation time: not required
- Overall dimensions W×D×H 500×130×330 mm
- Net weight approx. 2,8 kg

## PICTOGRAMS

Standard




## ACCESSORIES

| Model | Description |
|---|---|
| OAB-A2501 | Cuvette OAB-A2501 |
| OAB-A2502 | Cuvette OAB-A2502 |

## KERN Pictogram Overview

| | |
|---|---|
|  | Monocular Microscope: For the inspection with one eye |
|  | Polarising unit: To polarise the light |
|  | LED lighting: Special LED with a wavelength of λ = 589 nm (yellow light) |
|  | Plug-in power supply: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available |
|   | Package shipment by courier service: The duration of internal product provision is one day |

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