



## Precise and durable: the reliable companion for your laboratory

### 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

### Technical data

- Light source: (589 nm) high-power LED
- Stabilisation time: approx. 5 s after switching on
- Overall dimensions WxDxH 500x130x330 mm
- Net weight approx. 2,8 kg

### Accessories

- Glass cuvette, length 100 mm (Spare part), KERN OAB-A2501
- Glass cuvette, length 200 mm (Spare part), KERN OAB-A2502

### Scope of application: Laboratory

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 and training centres. Typical applications include precise incoming and outgoing checks of pharmaceutical products in laboratories and pharmacies. 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:

- Chemists
- Hospitals
- Beverage industry
- Food industry
- Chemical industry
- Laboratories
- Training

STANDARD



Model	Scales	Measuring range	Division	Vernier	Wave length
<b>KERN</b> OAB 20LED	Optical rotation	-180° - +180°	1°	0,05°	589 nm