



**MANUAL POLARIMETER
LD-LPMR-B10**

Manual Polarimeter LD-LPMR-B10 with LED display, has $\pm 45^\circ$ scope of measurement. Equipped with optical rotation, it determines concentration, content, purity of a substance. Long-life LED with 589 nm filter works as light source.

Features

- Manual calibration mode
- $\pm 45^\circ$ scope of measurement
- LED screen display
- Automatic photoelectric detection technology
- Accurate and precise measurement
- User-friendly operations

Applications

Used in pharmacy, drug and sugar testing, chemical, dye and paint industry, oil and cosmetics industry, food and spices, also used in laboratory, research institutes of biotechnology, microbiology, and other fields.

Specifications

Model No.	LD-LPMR-B10
Measurement Mode	Optical rotation
Calibration Mode	Manual Calibration
Measuring Range	$\pm 45.0^\circ$
Minimum Reading	0.01° (optical rotation)
Accuracy	$\pm 0.01^\circ$ ($-45^\circ \leq \text{optical rotation} \leq +45^\circ$)
Repeatability (standard deviations)	0.02° (optical rotation)
Measurable sample min. transmittance	0.01
Light source	LED
Working wavelength	589.3 nm
Test tube	One 200 mm tube & One 100 mm tube
Display	LED Display
Data storage capacity	3 groups
Interface	USB, RS232

Power	220 W
Power Supply	AC 220V ± 10% 50 Hz
Dimension	600 × 320 × 220 mm
Net weight	20 kg
Gross weight	25 kg
HS Code	9027300000