



Manual Lab Polarimeter

LMPM180

SALIENT FEATURES

- ◆ Manual Polarimeter, wide range ($\pm 180^\circ$).
- ◆ Easy to operate, the instrument is suitable for determining the optical rotation of optical compound solution.
- ◆ Measurement accuracy: $\pm 0.05^\circ$.
- ◆ Disc polarimeter with a standard LED lamp splits light into ordinary and extraordinary rays. Users observe a field of view through the eyepiece, adjust the instrument to the zero point while measuring the dial's value, and calculate a substance's optical rotation.
- ◆ This value helps determine purity, Concentration, Content and Specific Rotation.



E - Catalogue

HSN : 90275030

SPECIFICATIONS

MODEL	LMPM180
Measurement range	$\pm 180^\circ$ - Optical rotation
Dial value	1°
Measuring Accuracy	$\pm 0.05^\circ$
Magnifier magnification	3X
Light source	LED
Wavelength	589.4nm
Sample tube length	Up to 200 mm
Standard Tube	100, 200 mm Glass Sample Tube
Power Supply	AC220V/50Hz
Packing Dimension (LxWxH)	570 × 200 × 400mm
Gross Weight	4kg

* Specifications are subject to change without Notice

Standard Accessories : Main Instrument, Test Tube 100mm & 200mm, Test Tube Accessories, Instruction Manual, Test Certificate.