

## IV-MPM180 Manual Lab Polarimeter

- 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 sodium 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.



## SPECIFICATIONS

Measurement range	$\pm 180^\circ$ - Optical rotation
Dial value	$1^\circ$
Measuring Accuracy	$\pm 0.05^\circ$
Magnifier magnification	3X
Light source	Sodium lamp
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)	600 × 200 × 400 mm
Gross Weight	5kg