

WXG-4 Manual Polarimeter



Easy-to-use manual polarimeter, measuring range from -180 to $+180$ degrees. The instrument is suitable for measuring the optical rotation of the optically active substances, accuracy: 0.05 degrees.

Features

The instrument is equipped with a 589nm sodium lamp. Switch on the power, the polarized light beam radiates to the polarizer filter. The operator is able to observe the distinct visual fields through eyepiece. Put the glass sample tube into the measurement chamber, rotate the vernier knob until the visual fields appear the equal brightness. Read and record the measured values from the vernier scale, the measurement is completed.



Ordering Information

WXG-4: Polarimeter, glass sample tubes (100/200mm) and sealing rings

Specifications

Model	WXG-4
Range	$\pm 180^\circ$
Scale Value	1°
Vernier	0.05°
Magnifier	3X
Light Source	Sodium lamp
Optical Wavelength	589nm
Sample Tube Length	Up to 200mm
Power Requirements	AC $220\text{V}/50\text{Hz}$
Dimensions	$500(\text{L}) \times 135(\text{W}) \times 330(\text{H})\text{mm}$
Weight	5kg