

POL-200 Semiautomatic Polarimeter



Measurement Parameters

Optical rotation, specific rotation, concentration, international sugar scale (°Z)

Features

- Multiparameter semiautomatic polarimeter is installed with a 5.6 inches touch screen
- LED and interference filters provide a reliable and long-life light source
- Zero point calibration can adjust and eliminate measurement errors
- Built-in temperature sensor automatically compensates for and converts measurements to the specific rotation value
- Selectable tube length options include 100/200 mm, or manually enter a desired value
- Expanded memory stores and recalls up to 100 data sets
- Reset function automatically resumes all settings back to the factory defaults
- On-screen operation guide helps users to quickly use the polarimeter

Ordering Information

POL-200: Polarimeter, glass sample tubes (100 and 200 mm), sealing rings



Specifications

Model	POL-200
Range	$\pm 90^\circ/\pm 130^\circ Z$
Resolution	0.005°
Accuracy	$\pm 0.02^\circ/\pm 0.05^\circ Z$
Calibration	1 to 3 points
Temperature Correction	0–50°C
Light Source	LED and interference filter
Optical Wavelength	589 nm
Sample Tube Length	Up to 200 mm
Data Storage	100 data sets
Communication Interface	USB
Display	5.6 inches TFT touch screen
Power Requirements	AC 220V/50Hz
Dimensions	550(L)×300(W)×220(H) mm
Weight	7.5 kg