

POL-200 Semiautomatic Polarimeter



Measurement Parameters

Optical rotation, specific rotation, concentration, international sugar scale ($^{\circ}\text{Z}$)

Features

- Multiparameter semiautomatic polarimeter is installed with a 5.6 inches touch screen
- LED provides a long-life light source
- Zero point calibration adjusts and eliminates the measurement error
- Built-in temperature sensor automatically measures and compensates the readings to specific rotation value
- Selectable tube length 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 detailedly shows the polarimeter uses

Ordering Information

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



Specifications

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