

POL-200 Semiautomatic Polarimeter



INSTRUMENT INCLUDES

Two sample tubes (100 and 200mm), sealing rings and power cable.

MEASUREMENT PARAMETERS

Optical Rotation, Specific Rotation, Concentration, International Sugar Scale.

FEATURES

- Multi-parameter semiautomatic polarimeter is equipped with a 5.6 inch touch screen.
- LED light source effectively extends the service life.
- Built-in temperature sensor automatically senses temperature of the sample chamber.
- Selectable tube lengths (100/200mm) or manually enter the desired settings.
- Automatically zero return simplify the operation steps.
- Manual zero calibration is used for adjusting the optical visual field and eliminating the measurement error.
- 1 to 3 point push-button calibration, correcting the potential mechanical error.
- Expanded memory stores and recalls up to 100 data sets.
- On-screen operation manual detailedly shows the polarimeter uses.
- Reset feature automatically resumes all settings back to factory default options.



SPECIFICATION

Model	POL-200
Measurement Modes	Optical Rotation, Specific Rotation, Concentration, International Sugar Scale (°Z)
Measuring Range	$\pm 90^\circ$, $\pm 130^\circ Z$
Resolution	0.005°
Accuracy	$\pm 0.02^\circ$, $\pm 0.05^\circ Z$
Calibration Points	1~3 points
Light Source	LED, interference filter
Wavelength	589nm
Test Tube Length	50, 100 or 200mm
Temperature Range	0~100°C
Temperature Accuracy	$\pm 0.5^\circ C$
Memory	Stores up to 100 data sets
Output	USB communication interface
Display	5.6 inch TFT LCD
Power Requirements	AC220V/50Hz
Dimensions	550(L)×300(W)×220(H)mm
Weight	7.5kg