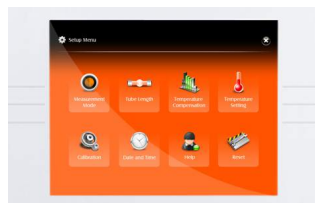


# POL-200 Semiautomatic Polarimeter

## Features:

- Multiparameter semiautomatic polarimeter is equipped with a 5.6" touch screen.
- Selectable 4 measurement modes, including the optical rotation, specific rotation, concentration and International Sugar Scale.
- LED light source effectively extends the working time.
- Built-in sensor automatically senses temperature of the sample chamber.
- Auto-zero feature supports the instrument returns to zero point by pressing the Return button.
- Selectable tube lengths (100/200mm) or manually enter the desired settings.
- Zero correction allows adjusting the optical visual field to eliminate the zero error.
- Automatic Temperature Compensation ensures accurate readings.
- 1 to 3 point calibration that corrects the potential mechanical error.
- Expanded memory stores and recalls up to 100 readings.
- Built-in real-time clock stamps stored data to meet GLP standard.
- On-screen operating manual detailedly shows the polarimeter uses.
- Reset feature automatically resumes all settings back to factory default options.



## Instrument Includes:

Polarimeter tube 100 and 200mm, sealing rings, power cable.

## Specifications:

Model	POL-200
Measurement Modes	Optical Rotation, Specific Rotation, Concentration, International Sugar Scale (°Z)
Range	$\pm 90^\circ$ , $\pm 130^\circ Z$
Accuracy	$\pm 0.02^\circ$ , $\pm 0.05^\circ Z$
Resolution	0.005°
Wavelength	589nm
Light Source	LED, Interference filter
Test Tube	50, 100 or 200mm
Temperature Range	0~100°C
Temperature Accuracy	$\pm 0.5^\circ C$
Calibration Points	1~3 points
Memory	Stores up to 100 data sets
Output	USB Communication Interface
Operating Temperature	0~60°C, 32~140°F
Power Requirements	AC 220V/50Hz
Dimensions	550(L)×300(W)×220(H)mm
Weight	7.5Kg