

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 lengths include 100 mm, 200 mm, or a manually entered value
- Expanded memory stores and recalls up to 100 data sets
- Reset function automatically restores all settings to the factory defaults
- On-screen operation guide helps users to quickly use the polarimeter
- USB communication interface enables easy data transfer to a PC
- DAS software is capable of receiving data, calculating averages and exporting data to Excel

Ordering Information

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



Specifications

Model	POL-200
Range	-90°...90°/-130...130°Z
Resolution	0.005°
Accuracy	±0.02°/±0.05°Z
Calibration	1...3 points
Temperature Correction	0...50°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 Supply	AC 220V/50Hz
Dimensions	550(L)×300(W)×220(H)mm
Weight	7.5kg