

POL-200
SEMIAUTOMATIC POLARIMETER



DESCRIPTION

Polarimeter is an instrument to measure optical rotation of optically active matter such as starches, polymers, essential oils, sugars, steroids, vitamins, amino acids, etc. Ideal instrument for analysis of sensitive samples and nondestructive testing in quality control laboratories, universities, research institutes, chemical, food and pharmaceutical industries.

TECHNICAL PARAMETERS

RANGE	SAMPLE TUBE LENGTH
-90° to +90°; -130°Z to +130°Z	Up to 200 mm
ACCURACY	DATA STORAGE
±0.02°; ±0.05°Z	100 data sets
RESOLUTION	OPTICAL WAVELENGTH
0.005°	589 nm
CALIBRATION POINTS	DISPLAY
1 to 3 points	5.6 inches TFT touch screen
TEMPERATURE CORRECTION	DIMENSIONS
0 to 50°C	550 x 300 x 220 mm
LIGHT SOURCE	WEIGHT
LED and interference filter	7.5 kg
MEASUREMENT MODES	POWER SUPPLY
Optical rotation, specific rotation, concentration, international sugar scale (°Z)	AC 110V, 60Hz

KEY FEATURES

- Elegant design with touch screen.
- Intuitive and simple operation.
- Equipped with LED light provides a long-life light source.
- Built-in temperature sensor automatically measures and compensates readings of specific rotation.
- On-screen operation guide shows tips of polarimeter use.

STANDARD ACCESSORIES

- Test tube 100 mm
- Test tube 200 mm

