

Automatic Polarimeter

- Automatic polarimeter is based on the principle of automatic photoelectric balance.
- The measured rotation can be used to determine concentrations of sugars, perfumes, and many other optically active solutions.



Specification of Automatic Polarimeter

Model	ST-PL2A
Measuring Range	-45 ~ +45°
Accuracy	± 0.02°
Reproducibility	± 0.01°
Resolution	0.005°
Light Source	Sodium vapor lamp (589.44nm)
Tube Length	10mm or 20mm
Balance Time	5 minutes
Dimension (mm)	600 x 300 x 200
Weight	25kg
Power Supply	AC 220V 50/60Hz

Semi-automatic Polarimeter

- Semiautomatic polarimeter is suitable for measuring the proportion, purity, concentration and content of rotary organic material.



Specification of Semi-automatic Polarimeter

Model	ST-PL5A
Measuring Range	-180 ~ +180°
Accuracy	± 0.02°
Light Source	Sodium vapor lamp
Optical Wavelength	589.44nm
Tube Length	10mm or 20mm
Balance Time	5 minutes
Weight	7kg
Power Supply	AC 220V 50/60Hz

Full-Circle Manual Polarimeter

- Full-circle manual polarimeter is suitable for measuring optical rotation or specific rotation of liquid or solution which includes optically active compound.
- Can be figure out the purity or concentration as per the testing result.



Specification of Full-Circle Manual Polarimeter

Model	ST-PL4A
Measuring Range	-180 ~ +180°
Scale Interval	1°
Vernier Scale Interval	0.05°
Magnification Factor of The Magnifying Glass	4 times
Light Source	Sodium vapor lamp
Optical Wavelength	589.44nm
Tube Length	10mm or 20mm
Balance Time	5 minutes
Dimension (mm)	500 x 135 x 330
Weight	5kg