

Polarimeter Series



WZZ-3 Automatic Polarimeter

Characteristics

- Adopting the principle of photoelectric automatic balance measurement.
- High sensitivity, stable and reliable readings, and no human error.
- Automatically retest 6 times and calculate the average and root mean square, can measure dark samples.
- Color touch screen.

Specifications

Parameters/Model	WZZ-3
Measuring modes	Optical Rotation, Specific Rotation, Concentration, International Sugar Scale
Light source	LED + interference filter
Wavelength	589nm
Measuring range	$\pm 45^{\circ}$ (OR) , 120° Z (ISS)
Resolution	0.001 $^{\circ}$ (OR) , 0.001 $^{\circ}$ Z (ISS)
Accuracy	$\pm(0.01+\text{measuring value} \times 0.05\%)^{\circ}$ (OR)
Repeatability	$\leq 0.003^{\circ}$ (OR)
Min. transmission	10%
Display	Color Touch LCD
Test tubes	100mm 200mm (regular)
Interface	USB , RS232
Power supply	220V $\pm$ 22V , 50Hz $\pm$ 1Hz , 150w
Overall dimensions	730mm $\times$ 480mm $\times$ 470mm
Weight (Gross)	36kg