



WZZ-2S / WZZ-2B Digital Automatic Polarimeter

Characteristics

- Photoelectric test and microcomputer control.
- Measuring optical rotation and sugar degree (WZZ-2S).
- Storage of three times results.
- Calculation of average values.
- Measurement of dark-colored sample.

Specifications

Parameters/Model	WZZ-2S	WZZ-2B
Measuring mode	Optical Rotation, International Sugar Scale	Optical Rotation
Light Source	LED + interference filter	
Wavelength	589nm	
Measuring range	$\pm 45^{\circ}$ (OR) $\pm 120^{\circ}Z$ (ISS)	$\pm 45^{\circ}$ (OR)
Resolution	0.001° (OR) 0.01°Z (ISS)	0.002° (OR)
Accuracy	$\pm(0.01+\text{measuring value} \times 0.05\%)^{\circ}$ (OR) $\pm(0.03+\text{measuring value} \times 0.05\%)^{\circ}Z$ (ISS)	$\pm(0.01+\text{measuring value} \times 0.05\%)^{\circ}$ (OR)
Repeatability	$\leq 0.002^{\circ}$ (OR)	$\leq 0.01^{\circ}$ (OR)
Min transmission	1%	10%
Display	5 inch LCD	
Test Tube	100mm 200mm (regular)	
Interface	RS232	
Power supply	220V $\pm$ 22V , 50Hz $\pm$ 1 Hz , 150w	
Overall dimensions	730mm $\times$ 480mm $\times$ 470mm	
Weight (Gross)	36kg	