

High-Speed Automatic Polarimeter



Technical Parameters:

Model	BK-P532
Measurement Mode	Optical rotation, specific rotation, sugar degree and concentration
Frequently Used Methods	30
Light Source	(LED) (up to 100000 hours) +precision interference filters
Working Wavelength	589nm(Sodium D Spectrum)
Measurement Range	$\pm 90^\circ$ (Rotation) $\pm 259^\circ$ Z(Sugar)
Minimum Reading	0.001°
Accuracy	$\pm 0.004^\circ$
Repeatability	$< 0.002^\circ$
Min. Transmission of Samples able to be Measured	0.1%
Response Speed	8°/S
Measurement Time	6 times/26s
Sample Temp. Control	Yes
Temp. Control Mode	Peltier(Built-in)
Temp. Control Range	10~50°C
Temp. Control Accuracy	$\pm 0.2^\circ\text{C}$
Display	8-inch color dot matrix touch LCD
Calibration Method	Multi-point automatic calibration
Data Storage	10000 sets
Output Communication Interface	USB/Printer/Ethernet
Test Tubes	200mm, 100mm(Regular), 100mm(Temp. control)
Optional Tubes	50mm(Regular), 200mm(Temp. control)
Gross Weight	36kg
Package Size	860*510*470mm