

BK-P2S Digital Automatic Polarimeter

BK-P2B Automatic Polarimeter



Features:

- * LCD Display
- * Storage of three times results and calculation of average values
- * Dark-colored sample can be measured
- * Photoelectric test and automatic servomechanism control

Technical Parameters:

Model	BK-P2S	BK-P2B
Light Source	LED lamp	
Measuring Range	±45°(optical rotation) / ±120°Z(sugar)	±45°(optical rotation)
Wavelength	589nm	
Readable Accuracy	0.001°(optical rotation) 0.01°Z(sugar)	0.002°(optical rotation)
Measuring Accuracy	±(0.01+measurement value*0.05%)°(optical rotation) ±(0.03+measurement value*0.05%)°Z(sugar)	±(0.01+measurement value*0.05%)°
Repeatability	≤0.002°(optical rotation)	≤0.01°(optical rotation)
Test Mode	Optical rotation, sugar degree	Optical rotation
Test Tube	200mm, 100mm	
Sample Transmittance	> 1%	> 10%
Interface	RS232	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	570*350*280mm	
Package Size(W*D*H)	730*480*470mm	
Gross Weight	36kg	

Disc Polarimeter

Features:

- * Visual aim
- * Manual measure
- * Easy to operate



Technical Parameters:

Model	BK-P4	BK-P4L
Light Source	Sodium lamp	LED
Wavelength	589.44nm	
Measuring Range	-180° ~ +180°	
Division Value	1°	
Venire Readable Accuracy	0.05°	
Magnifying Factor of the Magnifying Glass	4 X	
Test Tube	200mm, 100mm	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	440*110*230mm	
Package Size(W*D*H)	600*220*400mm	
Gross Weight	7.6kg	

Optional Polarimeter Accessories

* Micro Tube

With sample loading capacity less than 0.8ml and length of 50mm, suitable for BK-P2S, BK-P2B, BK-P1, BK-P2, BK-P3, BK-P4 polarimeter.

* Thermostatic Tube

Dedicated to BK-P2 for the length of about 100mm, the sample loading is 2.5ml. And the non-corrosive type is optional to purchase.

* Standard Quartz Tube

The only calibration equipment for standard polarimeter and optical Brix; with stable performance, less influence by the environment, and easy-to-use features, The loading of quartz tube includes ±1°, ±5°, ±7°, ±34° and ±68°, for customer to choose accordingly.

Suitable for BK-P2S, BK-P2B, BK-P1, BK-P2, BK-P3, BK-P4 polarimeter.

