

BK-P2S Digital Automatic Polarimeter  
 BK-P2B Automatic Polarimeter



- Features:**
- \* Photoelectric test and microcomputer control.
  - \* 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 + interference filter	
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%)° (optical rotation)
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	AC 110/220V, 50/60Hz	
External Size(W*D*H)	570*350*280mm	
Package Size(W*D*H)	730*480*470mm	
Gross Weight	36kg	

Disc Polarimeter



BK-P4



BK-P4L

- Features:**
- \* Visual aim
  - \* Manual measure
  - \* Easy to operate

**Technical Parameters:**

Model	BK-P4	BK-P4L
Light Source	Sodium lamp	LED + interference filter
Wavelength	589nm	
Measuring Range	-180°~+180°	
Division Value	1°	
Venire Readable Accuracy	0.05°	
Magnifying Factor of the Magnifying Glass	4X	
Test Tube	200mm, 100mm	
Power Supply	AC 110/220V, 50/60Hz	
External Size(W*D*H)	440*110*230mm	
Package Size(W*D*H)	600*220*400mm	
Gross Weight	7kg	4.5kg

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.

