

Basic Automatic Polarimeter AP-110



Description

Basic Automatic Polarimeter AP-110 is designed for use in many applications that require measurement of optical rotation and best suited for optical rotation, sugar degree in pharmaceutical, chemical, food and research applications.

Designed with 589.44 nm, 5-inch LCD light source and includes polarimeter tubes of 100 mm and 200 mm, and a spare sodium lamp, with sample transmittance up to 10 %, and 1% range. Better-quality usability with the use of touch screen display. Achieve a high measurement accuracy of up to $\pm (0.01 \text{ and measuring value} \times 0.05\%) ^\circ\text{C}$. Automatically prints out Optical rotation, sugar degree. Ideal for measurement of rotation of polarization plane and best suited for optical rotation with accuracy up to $\pm 0.01^\circ\text{C}$, and $\pm 0.01^\circ$

Technical:

Model	AP-110	AP-120
Wavelength	589.44 nm	
Accuracy	$\pm(0.01+\text{measuring value} \times 0.05\%)^\circ\text{C}$	
Repeatability	$\pm 0.01^\circ\text{C}$	$\pm 0.002^\circ\text{C}$
Measurement Range	$\pm 45^\circ\text{C}$ (Optical rotation)	$\pm 45^\circ$ (optical rotation) $\pm 120^\circ$
Measurement Modes	Optical rotation	Optical rotation, sugar degree
Source	LED	
Display	5-inch LCD	
Test Tube	100 mm or 200 mm (regular)	
Minimum Indicating Value	0.002°C (optical rotation)	0.001°C (optical rotation) 0.01°
Sample Transmittance	10%	1%
Certifications	CE	
Interface	RS232	
Dimension	730×480×470 mm	
Weight	33 kg	
Catalogue No.	4600505-04	4600510-04

Shipping:	2 - 3 weeks Delivery.
brix_range:	-
refractive_index_range:	0.002C(optical rotation)
display:	5-inch LCD
measurement_range:	45C(Optical rotation)
temperature_range:	-
wavelength:	589.44 nm
model:	AP-110

Iris Analytical Ltd.

66 W Flagler St #900
Miami, Florida 33130
United States