

# Standard Automatic Polarimeters AP-240



## Description

Standard Automatic Polarimeter AP-240 is designed for use in many applications that require measurement of optical rotation and best suited for optical rotation, specific rotation, and sugar degree, concentration in pharmaceutical, chemical, foods and research applications.

Designed with 589 nm, color touch screen and includes polarimeter tubes of 100 mm and 200 mm, and a spare sodium lamp, with sample transmittance up to 1% range. Better-quality usability with the use of touch screen display. Achieve a high measurement accuracy of up to  $\pm 0.01$ . Automatically prints out Optical rotation, specific rotation, sugar degree, concentration.

Ideal for measurement of rotation of polarization plane and best suited for optical rotation, specific rotation, sugar degree, concentration with accuracy up to  $\pm 0.01^{\circ}\text{C}$ , and  $\pm 0.002^{\circ}\text{C}$  total repeatability and glass tubes: 100 and 200 mm, 15mm diameter.

## Technical:

Model	AP-240	AP-260
Wavelength	589 nm	
Accuracy	$\pm 0.01^{\circ}\text{C}$ (-15° optical rotation ?+15°)	
Repeatability	0.002 °C( optical rotation)	
Temperature Accuracy	-	$\pm 0.5^{\circ}$
Temperature Range	-	15 to 30°
Measurement Modes	Optical rotation, specific rotation, sugar degree, concentration	
Source	LED + interference filter	
Display	Colour Touch Screen	
Test Tube	100 mm to 200 mm (regular)	
Minimum Indicating Value	0.001°C(optical rotation)	
Sample Transmittance	1%	
Certifications	CE	
Interface	RS232/USB	
Power Consumption		
Dimension	820x500x510 mm	
Weight	48 kg	
Catalogue No.	4601005-04	4601010-04

<b>Shipping:</b>	2 - 3 weeks Delivery.
<b>brix_range:</b>	-
<b>refractive_index_range:</b>	0.001C(optical rotation)
<b>display:</b>	Colour Touch Screen
<b>measurement_range:</b>	-
<b>temperature_range:</b>	-
<b>wavelength:</b>	589 nm
<b>model:</b>	AP-240

**Iris Analytical Ltd.**

**BIOLAB  
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