

AA-10 Series

Automatic Polarimeters

Specification	AA-10R Angular Scale Model	AA-10R Analytical Model
Scale	Degrees	ISS Degrees
Range	$\pm 90^\circ$	$\pm 199^\circ Z$
Accuracy	$\pm 0.01^\circ$	$\pm 0.02^\circ Z$
Wavelength	589.44nm	
Light Source	Halogen filament lamp approximate life 2000 hours	
Outputs	Digital LED display, plus RS232 25-way output socket	
Reading Time	<8 seconds	<8 seconds
Sample Compartment	Accepts standard polarimeter tubes with 30mm circular ends. Maximum path length 200mm, bores 8mm down to 1.5mm	
Controls	Power ON/OFF, SET ZERO button, PRINT key Dual wavelength model has a wavelength selection knob	
Special Features	Warning if sample transmittance is less than the 3% (ie, OD 1.5) required for accurate measurement	
Power Requirements	AC line voltage 230V \pm 20% or 115V \pm 20% 45Hz to 65Hz, 10 watts	
EMC and low voltage directives	CE marked complies with the following regulation 89/336/EEC as amended by 91/263/EEC and 92/31/EEC Electromagnetic Compatibility Directive (EMC) and 93/68/EEC Low Voltage Directive	
Size (l x d x h)	460 x 220 x 90 mm	
Weight	8.5kg (Gross weight packed - between 12 and 18kg)	