

DIGITAL POLARIMETER

Model - LAB Digipol



- $\pm 90^\circ$ measuring range
- Glan Thompson, better C/P ratio
- Instrument as 'Host', more safe and compact
- Modern data management software, fulfilling GLP, ALCOA (21CFR, Part II)

SPECIFICATIONS

	LAB Digipol
Measuring range	$\pm 90^\circ$
Specific Optical Rotation	-355° to 355°
Resolution	0.01 to 0.001
Reading Time	4-35 (second)
Optical Density Range	0.0 to 3.0 OD
Accuracy	$\pm 0.002^\circ$
Reproducibility	$\pm 0.002^\circ$
Temperature range	0-100 °c
Temperature resolution	0.1 °c
T. control model	Peltier
T. control range	10 - 50 °c
T. control accuracy	$\pm 0.1^\circ$ c
Sensitivity	Min 0.01%
Prism	Glan Thompson (For better optical sensitivity, ideal measurement for dark sample and keep accuracy long time)
Light source	LED light source, long time life for 100000 hours

SPECIFICATIONS

Wavelength	589nm as standard, Upgradeable for other wavelengths (365, 405, 436, 546, 578, 633, 880)		
Measuring mode	Optical rotation, Specific rotation, Concentration, International sugar scale, User-definable mode		
Sample cell	Up to 200mm, package including:		
	200mm*1 (glass tube)		
	100mm*1 (Temperature-controlled stainless steel tube) 50mm 55 Tube		
Interface	RS232, USB, easy connection of printer and PC		
Display	8 inches touch screen, color LCD		
21CFR Electronic Features	User Management	No. of users	50
		User entry password	Yes
		User level	4
	Data management	Data processing	PW protection
		PW reminder	Yes
		Measuring mode	200, editable
		Discarded method database	1000 Groups data
		Filtered measurement database	100000 Groups data
	Safe guard in data transmission	Discarded measurement database	1000 Groups data
		Audit trail database	100000 Groups data
		Software to PC with protector	Provided
		Data format	PDF
		On-line printing	Yes
Additional features for 21CFR		Database printing	Yes
Voltage	220V±22V, 50Hz±1Hz		
N.M. / G.W.	30Kg / 33Kg		
Dimension (L*W*H)	72*37*24cm		
With packing dimension	88*59*42cm		

LABINDIA

ANALYTICAL

WHERE COMMITMENT IS CULTURE

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Striving to become the best individuals, we endeavour to foster the best team. Performing sensibly, we try to achieve the best efficiency. Working innovatively, we seek to make the best products. Listening patiently, we excel to offer the best service. So, no matter what you needs are, **come to us, GET THE BEST**

LABINDIA reserve the right to change specification without notice as part of its continuous programme of product development.