



Multiplelabs
Turnkey Laboratories Solutions



Analytical[®]
Technologies Limited

AUTOPOL - 3000 FDA SERIES

Automatic Digital Polarimeter



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

• 21CFR Part11 FDA Compliant

►► **Specification**

Model	AUTOPOL FDA3001	AUTOPOL FDA3002	AUTOPOL FDA3003	AUTOPOL FDA3004
Measuring range	±90°	±90°	±90°	±90°
Resolution	0.001°	0.001°	0.001°	0.001°
Accuracy	±0.01°	±0.01°	±0.01°	±0.01°
Reproducibility	±0.003°	±0.003°	±0.003°	±0.003°
Temperature Range	0-100 °C	0-100 °C	0-100 °C	0-100 °C
Temperature Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C
T.control model	-	Paltier	-	Paltier
T.control range	-	10-50 °C	-	10-50 °C
T.control Accuracy	-	±0.2 °C	-	±0.1 °C
Sensitivity	Min 0.5%	Min 0.5%	Min 0.1%	Min 0.1%
Prism	polymer	polymer	Glan Thompson	Glan Thompson
Light source	LED, 100000 hours	LED, 100000 hours	LED, 100000 hours	LED, 100000 hours
Wavelength	589nm	589nm	589nm	589nm
Wavelength mode	Optical rotation Specific rotation, Concentration, international sugar scale	Optical rotation Specific rotation, Concentration, international sugar scale	Optical rotation Specific rotation, Concentration, international sugar scale	Optical rotation Specific rotation, Concentration, international sugar scale
Measuring method	20, editable	20, editable	20, editable	20, editable
Sample chamber	up to 200nm	up to 200nm	up to 200nm	up to 200nm
Interface	RS232,USB	RS232,USB	RS232,USB	RS232,USB
Display	8inch touch screen color LCD	8inch touch screen color LCD	8inch touch screen color LCD	8inch touch screen color LCD
Database	>8000 groups	>8000 groups	>8000 groups	>8000 groups

►► **Ordering Information :**

N.W./G.W.	28Kg/30Kg	30Kg/33Kg	28Kg/30Kg	32Kg/35Kg
Dimensional (L*W*H)	72*37*24 cm			
With Packing dimension	88*59*42cm			
Configuration	AUTOPOL FDA3001	AUTOPOL FDA3002	AUTOPOL FDA3003	AUTOPOL FDA3004
	Polarimeter 200mm*1 (Glass tube) 100mm*1 (Glass tube) Data transfer safety SW Power cord	Polarimeter 200mm*1 (Glass tube) 100mm*1 (T.controlled metal tube) Syringe, Brush Data transfer safety SW Power cord	Polarimeter 200mm*1 (Glass tube) 100mm*1 (Glass tube) Data transfer safety SW Power cord	Polarimeter 200mm*1 (Glass tube) 200mm*1 (T controlled metal tube) Syringe, Brush Data transfer safety SW Power cord

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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