

# Digital Automatic Polarimeter DAP-3001



## Characteristics

- Use the incandescence lamp or LED plus filter stand for sodium lamp in order to lengthen the service life of the light power (more than 2000 hours).
- Need not prewarm when turning on.
- Measuring specific rotation, optical rotation, sugar degree and concentration
- Automatic repetition-measurement for 6 times, and calculation of average value and means square root
- Sample chamber adopts constant temperature designing in order to decrease the temperature heating effect on measurement
- Temperature display

## Specifications:

Measurement range	-45° ~ 45°, -120°Z ~ 120°Z
Minimum reading	0.001°
Accuracy	+(0.005 + Measurement value x ~0.03%) +(0.015°Z + Measurement value x ~ 0.03%)
Repeatability (Standard deviation $\sigma$ )	$\leq 0.002^\circ$ , $\leq 0.006^\circ Z$
Minimum sample transmittance	1%
Weight (Gross)	32kg
Overall dimensions	850mm x 470mm x 380mm

## Regulatory compliances



## Corporate Social Responsibility



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

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@analytical-foundation.org](mailto:Info@analytical-foundation.org)

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

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

## Reach us @



HPLC Solutions   MultipleLabs   Analytical Bio-Med   Analytical Distributors   Analytical Foundation (Trust)

**Corporate & Regd. Office:**  
Analytical House, # E67 & E68,  
Ravi Park, Vasna Road, Baroda,  
Gujarat 390 015. INDIA

T: +91 265 2253620  
+91 265 2252839  
+91 265 2252370  
F: +91 265 2254395

E: [info@hplctechnologies.com](mailto:info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)  
[info@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@analyticalbiomed.com](mailto:info@analyticalbiomed.com)

W: [www.ais-india.com](http://www.ais-india.com)  
[www.analyticalgroup.net](http://www.analyticalgroup.net)  
[www.hplctechnologies.com](http://www.hplctechnologies.com)  
[www.multiplelabs.com](http://www.multiplelabs.com)

Sales & Support Offices:  
across the country :  
Distributors & Channel  
partners World Wide

Note : Company reserves rights to add/delete/modify the contents / technical specifications of the catalogue without prior notice.