

ALPC - 3024 Plus

LIQUID PARTICLE COUNTER



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

Analytical Technologies Limited

An ISO 9001 Certified Company

►► Main Technology Parameters

No	Tech Indicator	Description
1	Light Source	Semiconductor Laser
2	Diameter of Particles	1 μ m~600 μ m (Depends on the sensor)
3	Sensitivity	1 μ m (ISO 4402) or 4 μ m (C) (GB/T18854-2002, ISO 11171)
4	Detection Channel	8 (Particle Size Can Be Set Arbitrarily)
5	Sampling Methods	Offline or Online
6	Volume of Sample	10ml
7	Precision of Sampling Volume	Better than $\pm 3\%$
8	Speed of Detection	5ml/min~35ml/min
9	Speed of Cleaning	5ml/min~35ml/min
10	Volume of Rinse	It can be setting between 0ml to 90ml (Interval : 1ml)
11	Coincidence Error Limit	12000 Small Particles/ml to 40000 Small Particles/ml (Depends on the sensor)
12	Repeatability	RSD < 2%
13	Precision of Calculate	$\pm 10\%$
14	Offline Testing Viscosity	$\leq 100\text{cSt}$ (Equipped with pneumatic bottle type sampler, the highest viscosity can be up to 400cSt)
15	Online Testing Pressure	0.1~0.6Mpa (Equipped with pressure relief devices, the highest pressure can reach 40Mpa)
16	Interval of On-line Measuring Time	It can be setting between 1 second to 10Hours 59Minutes 59 Seconds
17	Output Data	Print Test Result by Instrument or USB Storage or Store to Computer
18	Communication Interface	Standard is RS232
19	Report Method	Number of Particles/10ml and Cleanliness Grade
20	Temperature of Sample	0 $^{\circ}$ C~80 $^{\circ}$ C
21	Working Temperature	-20 $^{\circ}$ C~60 $^{\circ}$ C
22	Storage Temperature	-30 $^{\circ}$ C~80 $^{\circ}$ C
23	Power Supply	100V~265VAC
24	Dimension	350×295×150
25	Net Weight of Instrument	5 Kg

►► Standard Accessories

No	Description	Note	Unit	Qty
1	Certification & Operation Video		Copy	1 Each
2	Main Part		Set	1
3	Power Adapter	24V 5A	Piece	1
4	Blue Cover Reagent Bottle	250ml	Piece	2
5	Liquid Pipe of Inlet	1000mm	Piece	1
6	Liquid Pipe of Outlet	1000mm	Piece	1
7	External Lithium Battery	24V•5000 mAh	Piece	1
8	Lithium Battery Charger		Piece	1
9	Connection Line of Lithium Battery		Piece	1
10	Rod for Cleaning		Piece	1
11	“O” Seal Ring	Ø6×1.8	Piece	6
12	Thermal Print Paper	57mm×50 mm	Piece	2

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

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



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