

APC- 3000 Series

Airbron Particle Counter



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

With fast, reliable sampling of one cubic meter of air in only ten minutes, the APC-3000 Portable Airborne Particle Counters offer fast cleanroom qualification and at sensitivities of 0.3 microns.

The APC-3000 series is the industry's 28.3 LPM 0.3 micron portable designed for continuous use. APC are adopted the industry's UI (User Interface) to configure and operate the instrument. The intuitive ICON-driven screens and menus are easy to learn and use, and support multiple languages.

They can store up to 5,000 records of particle count data from up to 8 particle channels and the configurable recipe database can store up to 50 recipes for sampling and reports. All data can be quickly and reliably transferred to a computer.

Data transfer to a USB Flash Drive can be accomplished by using the software.

Flexible communication with these instruments is made possible by the integrated Ethernet, RS-485, USB and WIFI.



FEATURES



Multi-Communication
Interfaces



Multi- Particle flow
options



Stainless steel suitcase
Packing

Appliation Scences

Particle Counters are feature-rich instruments that are ideal for spot-checking inside of your critical environments or Indoor Air Quality applications. With its compact size and weight along with its sleek handle, you can utilize this unit with ease.

These units provide immediate results that allow you to proactively monitor your environment. It's widely used in Automotive Manufacturing; Coating Processes; Paint Booth; Aerospace Flight and Space; Hardware Manufacturing; Flat Panel Display Manufacturing; Medical Device Manufacturing Electronic Industry (semiconductor factory, precision machinery production and processing, etc); Food Hygiene Industry (dairy products, plastic meat food, seasoning food, agricultural products, etc); Filter Manufacturers, inspection filter quality and efficiency, etc; and other areas of precision processing, precision testing required Clean Room (area), and other testing needs.



Technical Specifications

Size Range	0.3 - 10.0µm
Channel Sizes	8-Channel: 0.3, 0.5, 0.7, 1.0, 2.0, 3.0, 5.0, 10.0µm
Flow Rate	28.3L/min
Concentration Limits	35,000 particles/L
Light Source	Laser diode (30,000 hours mean time between failure)
Dimensions (mm)	220* 285* 260
Weight(Kg)	8.5
Sample Period	1 Sec~5999 Sec(5L-5000L)
Calibration Count modes	Meets ISO14644 calibration, GMP-2010
Data Storage	2000 samples
Communication Modes	WIFI, RS-485, Ethernet, USB, Software
Environmental Sensors (Optional)	Temperature, Relative Humidity, Air Velocity, Differential Pressure, Battery or others
Touch Screen Display	9.1 inch (23 cm) color TFT touch screen display
Reports	Pass/fail report wizard for ISO-14644 and FS-209E report formats
Alarms	Integrated alarm buzzer. Alarms on counts, low battery (optional)
Enclosure	Stainless Steel
Power	(220V ±10%, 50Hz ± 2Hz
Battery	Optional Li-Ion, removable & rechargeable (typical recharge time 5 hours)

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.

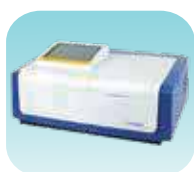
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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:



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.

Reach us @



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

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
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com
www.ais-india.com

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