

# 3630

## Handheld Airborne Particle Counter



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

The 3630 model is reliable and easy-to-use machine; it's handheld, ergonomically designed and lightweight. The Model 3630 counts airborne particles in six different size ranges simultaneously. Count data is displayed on screen (480 X 320 High-resolution colour LCD display) as total number of particles (cumulative count). Data can be easily downloaded to computer, or print out by an optional printer. Now it is easy to carry a particle counter right to the point of interest and obtain accurate results—results you can immediately print or store to computer. The large colour LCD display lets you see the data easily and err-free.

## FEATURES:

1. 0.1 CFM (2.83 LPM) flow rate
2. Six particle-size channels (0.3, 0.5, 1.0, 2.0, 3.0, 5.0 $\mu$ m)
3. 480X320 High-resolution colour LCD display
4. High capacity USB rechargeable Li-ion battery
5. Internal audible alarm, and the alarm channel can be chosen arbitrarily.
6. 95% UCL Calculation
7. Large memory, Up to 260,000 records
8. Free software, Data easily downloaded to computer, Export each report to office excel.
9. lightweight (0.9kg)
10. Battery capacity display
11. External function module: temperature and humidity, differential pressure, Air velocity (Selectable)
12. Supplied with FREE Carrying Case.

## SPECIFICATION:

Model	3630
Channel thresholds:	6 channels: 0.3, 0.5, 1.0, 2.0, 3.0, 5.0 $\mu$ m
Flow rate:	0.1 ft <sup>3</sup> /min. (2.83 L/min.)
Light source:	Laser diode
Calibration particles:	SIMT certification
Max. concentration:	2,000,000/ft <sup>3</sup>
Zero count:	<1 per 5 min.
Counting efficiency:	50% @ 0.3 $\mu$ m, 100% @ 0.5 $\mu$ m

Communication modes:	USB
User interface & display:	480X320 High-resolution colour LCD display
Data display modes:	Counts, Counts/m <sup>3</sup> , Counts/ft <sup>3</sup>
Sampling modes:	Manual repeated, Auto for UCL calculation (calculation for all 6 channels)
ISO Certification:	ISO 5-8 @ 0.5 and 5.0µm
Error messages (real-time):	Exceeds alarm limits ,battery status indication
External software:	Easy upload to PC
Data storage:	Up to 260,000 records
External surface:	ABS (plastic resin)
Dimensions (w, h, d):	23×13×4.5(cm)
Weight:	0.9kg
Power:	AC adapter:100-240 VAC, 50/60 Hz
Batteries:	3.7V Li-on rechargeable battery 10000mAH
Operating time on battery:	More than 8hr for sampling
Battery recharging:	USB
Operating temperature:	0 - 35°C
Operating humidity:	0-85%
Accessory supplied Free	Case, Operation manual, Factory Calibration certificate, Filter, min USB cable, Charger, Isokinetic Probe, Fuse.

## 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/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, Manufaturing, 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



LCMS



Automated Prep-Flash Chromatography system



Maldi TOF



Optima Gas Chromatograph



Flash Chromatograph



DAC Column



GCMS 3068



UHPLC



HPTLC



Ion Chromatograph



Production HPLC



HPLC



Column



DLS



Water purification system

## ►► Regulatory compliances



## ►► Corporate Social Responsibility

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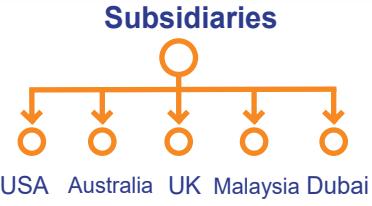
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HPLC Solutions

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**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@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@hplctechnologies.com](http://info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)

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

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