

LPC - 3105 Plus

Liquid Particle Counter



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Product Introduction

Liquid particle counter is mainly used for detection of insoluble particles in injection, infusion, sterile powder under USP <788> "Particulate Matter in Injections", and particle contamination detection of infusion equipment, anesthesia equipment, medical packaging materials. It can also be used for particle detection in organic, colored and transparent, oil-based liquid samples

This instrument complies with USP <788>, USP <789> and other standards. Built-in a variety of testing standards and user-defined standards, it meet stesting requirements of the liquid particle pollution indifferent sectors. The instrument has professional,intelligent service features, with more compatibility and better operability. The software complies with FDA 21 CFR part 11 "Electronic Recordsand Signatures". It provides professional paperless print report output, and is equipped with intelligent automatic calibration function.

►► Feature

- Built-in USP testing standards
- Precision syringe sampling device, accurate sampling volume, stable speed
- Built-in calibration curve, in line with calibration requirements of ISO-21501
- Intelligent automatic detection and automatic calibration function, instrument performance judgment and calibration
- Use of magnetic stirring, stirring speed adjustable
- USB interface direct export data, paperless electronic print report
- Powerful application software development support. Easy to connect to the laboratory information management system etc.
- The software implements PC control and provides professional data processing
- Compliant with FDA 21 CFR part 11 "Electronic Records and Signatures" and user rating management

►► Application

- Injections testing under CP, USP, EP, JP and other standards
- Cleanliness detecting of medical equipment / parts
- Filtration efficiency detection
- Laboratory water testing

►► Technical Specification

Particle size range	2-400 µm
Particle size channel	24 (2-100µm sizes can be set arbitrarily by user)
Maximum detection Concentration	10000 particles/ml
Accuracy	±10%
Repeatability	RSD<2% (particles>1000 per ml, 5ml sample)
Resolution	<10%
Syringe specifications	1ml, 5ml, 10ml*, 25ml
Sampling speed	20 ml/min*
Sample volume accuracy	±1%
Minimum sampling volume	0.2ml**
Sensor material	316 stainless steel, quartz glass, PTFE, NBR
Power supply	AC 100~240V, 50/60HZ
Mixing method	Magnetic stirrer (speed adjustable)
Data output	RS232 port; USB; built-in thermal printer
Display output	7 inch LCD color touch screen
Size	320(L)×309(W)×394(H) mm
Weight	11.0 kg
Operating environment	Temperature 10-40 °C; RH 0 ~ 95% non-condensing
Software system	(optional)

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



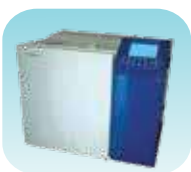
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Liquid Particle
Counter



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



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TOC
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Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



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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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