

Sizer 3002 Plus

Intelligent Wet Laser Particle Size Analyzer



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

Analytical Technologies Limited

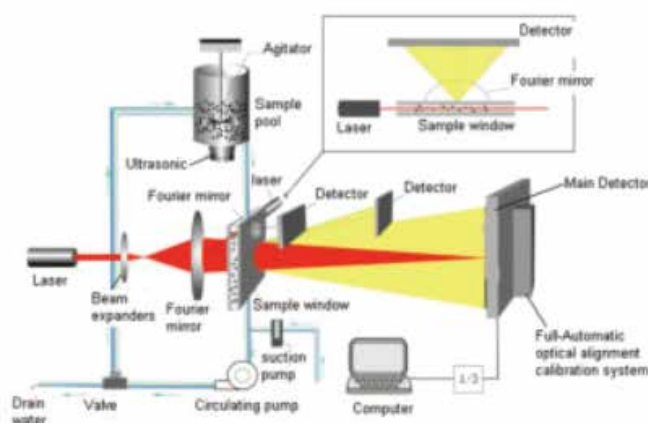
An ISO 9001 Certified Company

www.analyticalgroup.net

Intelligent full automatic laser diffraction particle size analyzer with principle of Mie Scattering to precisely determine the particle size distribution from 0.01 μ m to 1000 μ m. It enables you understand materials well, such as abrasives, adhesives.

Features:

1. Converging light Fourier transform path patent technology.
2. Stirring device, ultrasonic dispersion device and sample circulation pipeline intelligent liquid dispersion unit.
3. Auto wet dispersion system, SOP realize one key operation.
4. Unconstrained free fitting analysis software patent techniques



Specifications:

Model Name	Sizer 3002 Plus	Sizer 3002 Pro
Size range	0.01-1000 μ m	0.1-1000 μ m
Accuracy error	$\leq 0.5\%$ (Deviation of D50 on national standard sample)	
Repeatability error	$\leq 0.5\%$ (Deviation of D50 on national standard sample)	
Laser parameters	Main laser source: high-performance laser $\lambda = 639\text{nm}$ power $P > 2\text{mW}$	None
	Auxiliary laser source: Semiconductor laser $\lambda = 405\text{nm}$ power $P > 2\text{mW}$	
Dispersion Method	Ultrasound	Frequency $f = 40\text{KHZ}$, ultrasonic $P = 60\text{W}$, time adjustable
	Str	Speed 0-3000rpm speed optional
	Cycle	Rated flow 17L/min; rated power $P = 15\text{W}$
	Sample cell	Capacity 450ML
Operating mode	Software operation/fully automatic operation mode (switchable)/SOP one click fully automatic test	
Optical path alignment system	Fully automatic centering system	
Fastest test speed	$< 10\text{s}$	
Product volume	92.9cm * 49.4cm * 39.5cm	
Product weight	40 kg	

Application:

Cement, ceramic, medicine, emulsion, dope, dye, padding, chemical products, catalyst, drilling fluid, abrasive, lubricant, braize, cell, germ, food, additive, pesticide, explosive, graphite, photosensitive material, fuel, ink, metal and nonmetal powder, calcium carbonate, kaolin, water-coal-slurry and other powder materials.

Dye



Pesticide



Mineral powder



Ceramic



Rare earth



Cement



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



LCMS



Automated Prep-Flash Chromatography system



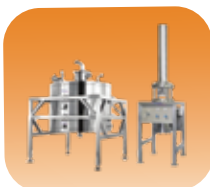
Maldi TOF



Optima Gas Chromatograph



Flash Chromatograph



DAC Column



GCMS 3068



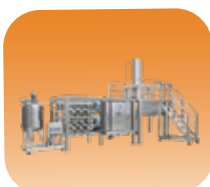
UHPLC



HPTLC



Ion Chromatograph



Production HPLC



HPLC



Column



DLS



Water purification system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

ANALYTICAL FOUNDATION is a Nonprofit Organization (NGO) for the purpose of:



Analytical Foundation

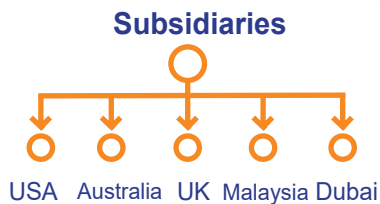
1. Research & Innovation **Scientist's awards & International Conference visit sponsorship / QC Professional Awards:** Quality life is possible by innovation only and the innovation is possible by research only, hence **ANALYTICAL FOUNDATION** is committed to identify such personalities for their contributions 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 DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Naturecure, Health Care, Ara, Events, Camps etc.

▶▶ A portion of profit of **ANALYTICAL GROUP** Company's goes into **ANALYTICAL FOUNDATION** for the aboce noble cause.

▶▶▶ Reach us @



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