

Intelligent Laser Particle Size Analyzer

SIZER - 3200



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

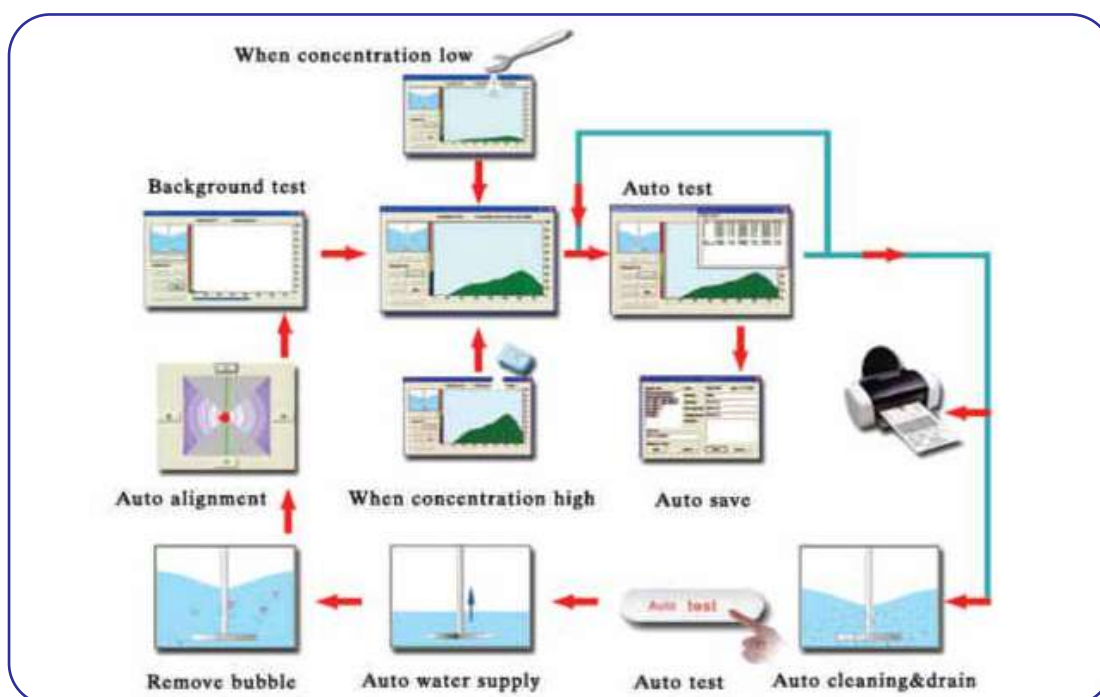
An ISO 9001 Certified Company

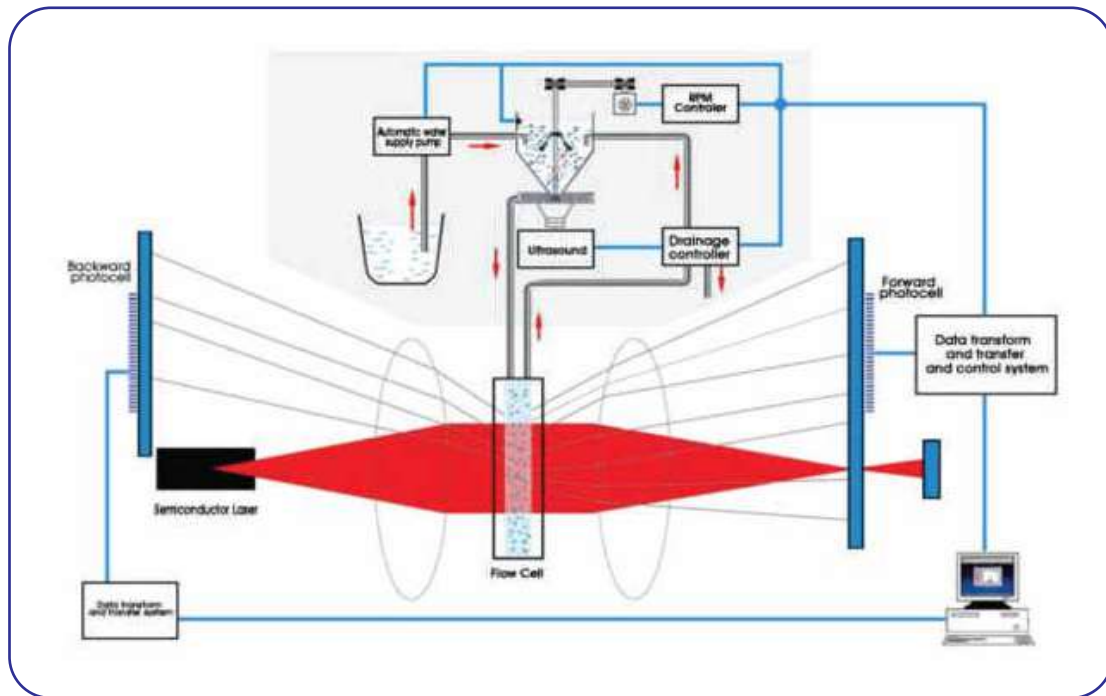
www.analyticalgroup.net

►► BASIC SPECIFICATIONS

Size Range	0.02-2000 um
Sample Inflow Method	Built-in automatic circulating and dispersing system
Repeatability	(1% (CRM D50))
Accuracy	(1% (CRM D50))
Measuring Principle	Mie scattering theory
Laser	Import optical fiber semiconductor laser
Operation System	Win XP/ Win 7
Connection Port	USB or RS232
Photodetector	90 pcs
Testing Time	2-3 minutes per time
Ultrasonic Power	50 W
Tank Capacity	500 ml
Circulating Flowrate	500-2500 ml / min
Voltage	220V, 50/60 Hz
Outer Dimension	800*500*418mm

►► FEATURES





- Adopts the single-beam dual-lens system designed by Bettersize, which can receive all the scattered signals from nanometer to millimeter accurately. The lenses are the high accuracy combination of lenses, high resolution imaging, small distortion, to ensure that the instruments can receive all the signals even through the faintly ones and the ones from different angles
- SOP intelligent Standard Operational Procedure (SOP) Design. Only need to feed sample, other operations such as water supply, dispersing, circulating, adjust concentration, test, drainage, cleaning, print, save and so on are all automatically dilution when concentration is low, prompt adding sample, to make the concentration remain optical state all along. The direct effects of the automatic design are not only the simple operation, but also reducing the errors which was made by human factor, improving the accuracy of test.
- Calibration accuracy :all instruments are passed after using the standard sample to calibrate, to make sure the accuracy of the test result, meanwhile, we supply the standard sample to our customers, you checkout the accuracy of your own instrument at any time, to avoid the damage which arose the inaccurate test results caused by the movement of the instrument or voltage fluctuation and so on.
- 3-D automatic focusing system consist of precise hybrid stepping motor, 3-D automatic focusing system precise guide screw lead screw, connecting axle, and controller, the shortest step is 1.3 micrometer highly precise locating.

▶▶ 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.

▶▶ Reach us @



 **Analytical**[®]
Technologies Limited

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@analyticalbiomed.com

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

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

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