

AUTOMATED MICROBIOLOGY SYSTEM ALT-3182

Microbial Identification & Antimicrobial Susceptibility
Testing System

Technical Specifications

Testing Principles

Identification: Colorimetry
Susceptibility testing: Turbidimetry
AST of animal /zoonotic pathogens.

Throughput

60-120 cards per hour

Optional Configuration

Automated sampling device, sampling 60-80 cards per hour

Printer

External printer

Interface

Internal PC, support LIS/HIS

Working environment

Environmental temperature : 50°C-400°C
Relative humidity : 10%-90%

Atmospheric pressure

76k Pa-106k Pa

Power supply

AC220V + 22V,50Hz + Hz

Dimension & Weight

700mm * 493mm *465mm ; 31.2kg



Precise Identification

1. Identification of bacteria is widely applied in clinical, veterinary and industry. It can meet the requirements of clinic, scientific research and public safety.
2. Precise and reliable ATL-3182 identifies microbes as “Species” and “Subspecies”. These microorganisms include: Enterobacteriaceae, Nonfermentative bacteria, bacteria of Vibrionaceae, Staphylococcus / Micrococcus, Yeast Like fungi, Streptococcus, Enterococcus, Vibrionaceae, ESBL/MBL, MRSA, VER, Macrolide, etc, totally over 500 kinds of routine microorganisms.
3. Test card is well composite of identification and drug sensitivity.
4. ATL-3182 is able to screen ESBLs test.
5. Fungi drug sensitivity includes 5 types of antifungal drug sensitivity tests which are commonly used in clinics.

Efficient drug guidance

1. ATL-3182 database covers over 200 types of antibiotics.
2. ATL-3182 sensitivity analytical of antibiotics complies with the latest CLSI regulation.
3. According to CLSI regulation, antibiotics are divided into A/B/C/U group to report MIC results, Which help doctor determine the most appropriate treatment for the infected patient and avoid antibiotics abuse.
4. Every antibiotic provides eight level of concentration ladder in DL unique test card. It enhances the precision of MIC analysis.
5. Fungi drug sensitivity includes 5 types of antifungal drug sensitivity tests which are commonly used in clinics.
6. System is test Panels/ cards with various combinations (for determining AST pattern).

Easy & Integrated operation

1. Fully automated sampling device can be equipped so as to reduce workload. It can prevent error caused by manual sampling and guarantee biological safety; sampling throughput is 60-80 cards per hour.
2. Standard operation procedure provides optimum quality assurance.
3. User friendly interface with reliable and rapid analysis.
4. Able to connect LIS/HIS and WHONET.

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 PLC principles, operations, troubleshooting.
- 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 globe. 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 2060+ Double Beam	FTIR	Gas Chromatograph 3000	Gas Chromatograph 2979 Plus	Flash Chromatograph	Atomic Absorption Spectrophotometer	Liquid Partical Counter
						
Optical Emission Spectrophotometer	DSC/TGA	NOVA 2020 plus Automated Bio Chemistry Analyzer	HEMA 2020 Hematology Analyzer	Micro Plate Reader/Washer	URINOVA 2800 Urine Analyzer	Total Organic Carbon
						
Fully Automated CLIA	NOVA Basic Semi-Auto Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	Blood Gas Analyzer	Random access Analyzer for immunoassay Proteins & clinical chemistry	Semen Analyzer	Water purification system

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 @



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.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.