

LM-3010

LUMINOMETER



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Superior Science

Advanced Sensitivity

The ATP detection system utilizes a technologically advanced photomultiplier tube (PMT) that is more sensitive to ATP (adenosine triphosphate) presence allowing detection of lower levels of microbial and organic matter contamination. This is a distinct advantage over systems that use less sensitive PMTs or photodiodes. The system's PMT has low noise, a greater dynamic range, a faster response time, and accuracy over a wider temperature range.

Cost Effective Speed

A high-speed data processor allows a quicker 5 second read time. Risks can be assessed immediately, corrective actions expedited, and production started with confidence. Reduce pre-op testing time by as much as 83% compared to other systems.

Audit Compliant

Meet internal and 3rd party audits with ATP detection system's Swab Site Location, Re-test option, and a variety of other customizable features to comply with HACCP and GFSI documentation. The system even identifies areas that have not been re-cleaned and/or re-tested. Analytical Technologies Limited provides calibration documentation, ATP standards, comprehensive on-site trainings, and certification to meet individual requirements.

Auditors look favorably on documented random sampling and corrective action plans within ATP monitoring programs. The ATP detection system eliminates subjectivity by directing operators to swab randomly selected sampling points from within their pre-programmed sampling plans.

Improved Data Analytics

The system has improved onboard data analysis tools including the ability to search historical results and add corrective action results and to generate graphs for rapid analysis of Pass/Fail percentages for key areas of the plant. With built-in wireless connectivity these graphs can be emailed to key managers immediately after pre-op.

The ATP detection system is the preferred method for monitoring cleaning effectiveness of sanitation programs.



Take a Closer Look

Analytical Technologies Limited has developed scientifically advanced chemistry for the PocketSwab Plus and related Analytical tests for sanitation, allergen control and pasteurization verification.

This chemistry, combined with the internal multiplication of the system's PMT detector, amplifies even the smallest light signal to detect the lowest level of contamination.

Add Value to Your Business

Analytical Technologies Limited values our customer's business, brand and reputation. That's why Analytical built the ATP detection system with an advanced PMT for superior sensitivity, a complete keyboard for streamlined sampling, and error proof direct swab entry chamber.

Bottom Line

Risk is reduced, product quality is improved, and shelf life is extended due to improved sanitation.

Leading by Example

The ATP detection system is used successfully by diverse industries including food and beverage, pharmaceutical, industrial, personal care, cosmetic, and healthcare. Since it is fully customizable and can be preconfigured to meet unique sampling and testing environments, industry leaders choose Analytical system to strengthen their sanitation and hygiene monitoring programs.

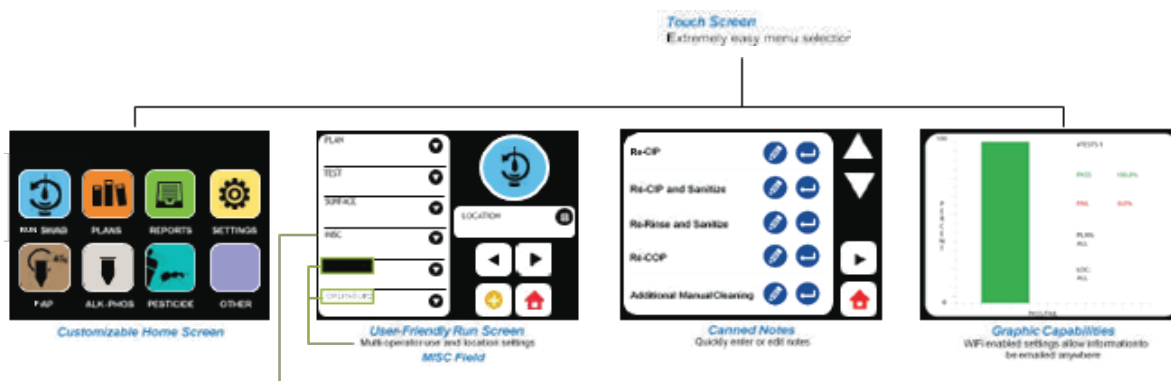
Technology Designed to Manage Your HACCP

Benefits

Wirelessly email analytical graphs from system

Include corrective action notes directly to test results on the system Add new swabbing locations through the RS232/USB touch screen





Data Options

Dashboard Analytics

Improved dashboard analytics with dynamic, modifiable graphs that update critical metrics upon seamless download of test data into the software. Achieve maximum productivity with 4.0 software’s simple-to-use, point and click interface to easily access, analyze, and manage data from multiple ATP detection systems.

Customized Reports

Simplified reporting function allows filtering and selection of data needed to build customizable reports. Preprogrammed interactive graphics enable simplified monitoring of corrective actions. This data can be integrated into LIMS system.

Flexible and Configurable

The ATP detection system is programmable by swab site, grouped sites, facility layout, product line, process type, shift periods, cleaning programs, surface type, up to two Operator IDs, ATP detection system serial number, and limits with pass/fail interpretation.



highly customizable LINK 4.0 software provides complete document control and optimization of sanitation programs

Maximize Your Investment

One Instrument, Multiple Tests:

The ATP detection system's unprecedented versatility allows for a variety of different luminescence tests to be run with a single instrument.

SlimSwab Plus swabs utilize unique, patented technology to detect ATP associated with microorganisms and food/organic product residues on surfaces. Swabs are room temperature stable, self contained, single service test that enables total surface hygiene verification in only 5 seconds, allowing real time corrective action.

Aller Swab help prevent cross contact contamination from allergenic food residues by monitoring food contact surfaces and final rinse water with highly sensitive ATP test. Swabs strengthen allergen control programs by improving cleaning efficiency. They also augment specific protein based testing by providing a faster, simpler and more convenient method for allergen control.

Aqva Swab are a rapid sanitation/hygiene test used to detect the presence of ATP as a marker for biological contaminants in water and on wet surfaces.

Kinetic Swab are the first ATP bioluminescence test specifically engineered to work on product contact surfaces in outdoor environments. They are also room-temperature stable, saving on storage and shipping costs.

It detects pesticides in water, feeds, milk, fruit, vegetable and a variety of other food products

This test is a simple one-step phosphatase method to verify completeness of pasteurization in dairy products. Results are delivered in just 45 seconds. NCIMS and FDA Approved

PasLite monitors pasteurization efficiency by detecting alkaline phosphatase in dairy products. NCIMS, IDF, FDA and ISO Approved.

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



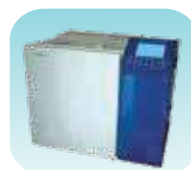
UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Partical
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



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



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.

