A Nationwide Shield of Trust



labtech

LABTECH ANALYTICAL

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labtech

Precision Laboratory Technologies

Advanced Equipment. Trusted Partnerships.

Pharma | Biopharma | CRO | Food Testing | Cleanroom Monitoring

PRODUCT CATALOGUE

Pharmaceuticals Food & Beverages Biopharma & CRO

EXPLORE MORE ON OUR WEBSITE

www.labtechanalytical.com

MICROBIAL AIR SAMPLER

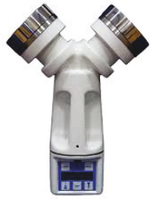
- Portable and long time battery operated
- Flow rate is 100/180 LPM for SAS-SUPER ISO USB 100/180 & DUO SAS-SUPER 360
- The sampling head may be positioned anywhere within the isolator
- Meets standards of USP 1116, ISO 14698 -1, etc
- Facility for Petri dish & Contact plate
- Certified Aspirating head
- Delay Start/ Remote control facility
- Instrument design avoids turbulence, respiration of tested air and particle emission in clean rooms
- 21 CFR model available
- IQ, OQ & PQ Documentation as per cGLP & cGMP



SAS ISOLATOR



SAS ISO USB 100/180



DUO SAS 360



SAS SUPER IAQ



SAS SUPER 180/100

MICROBIAL AIR SAMPLER FOR COMPRESSED / NITROGEN AIR



PINOCCHIO SUPER II

- It is a microbial impaction sampler to test the microbiological quality of compressed air and gases used in clean room.
- Self contained unit consisting of connections, air flow meter, pressure gauge,tap funnel head complete with plate housing
- It is sterilizable
- IQ, PQ & OQ Documentation as per cGLP & cGMP

SAS SUPER ISO USB 100/180

- Data management in accordance with CFR 21 part 11
- Compliant with USP chapter 1116 and ISO 14698-1
- Upto 70,000 litres of air with upto 1200 memorised sampling cycles
- Sampling rate accurately maintained by speed sensor
- Design avoids turbulence in unidirectional airflow and re-aspiration of tested air in accordance with ISO specifications
- Provides total traceability - IQ OQ validation protocols available
- Automatic reminder in case of expired calibration
- 8 pre-fixed modifiable sampling configurations



SAS ISO USB 100/180

DATA TRANSFER

- Sampling data can be downloaded on a PC in PDF non modifiable
- Data download by USB
- Instrument configuration via USB Stick
- Data management in accordance with CFR 21 part 11

STERILITY TEST ISOLATOR

- GMP Class A ISO 5 contained enclosure.
- Recirculation unidirectional flow airflow system
- Integrated Decontamination system
- Sterility Test pump Integration (Optional).
- Aseptic Fill & Finish.
- Multiple chambers.
- Cell & Gene Therapy.
- Aseptic Toxic Design.
- Integration of proprietary contained transfer detail e.g. RTP, and etc
- 21 CFR Part 11 compliance.
- Process report, configuration report (audit trail).
- User access levels.
- Controlled environment re: temperature & humidity.
- Integrated. Glove Integrity tester.
- Technical documentation HDS, SDS, FDS P&ID.
- Robot Integration.



PORTABLE AND ONLINE PARTICLE COUNTER



PORTABLE 100 LPM
New portable particle counter

Next-Generation High-Flow Portable Particle Counter

- 6-channel simultaneous measurement: 0.5, 1.0, 3.0, 5.0, 10.0, 25.0 µm
- 10.1-inch capacitive colour touchscreen
- Integrated thermal printer - cleanroom-grade paper
- 64 GB internal storage - over 10 million sample records
- 21 CFR Part 11 compliant data integrity + audit trails
- Wi-Fi, Ethernet, RS-485 (Modbus TCP/RTU), USB
- Rechargeable Li-ion battery: 7+ hours with 3 cells
- HEPA-filtered exhaust (>99.97% at 0.3 µm)
- Optional environmental sensors: T°, RH, velocity, pressure
- IQ/OQ documentation available on request



Dual Particle + Microbial
Built-in pump · remote dual sensor



ONLINE PARTICLE COUNTER

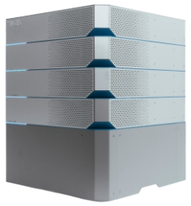
Next-Generation Remote Airborne Particle Counter with Integrated Pump

- 2-channel particle measurement (0.5, 5.0 µm)
- 1.0 CFM (28.3 L/min) flow rate with built-in sampling pump
- Modbus RS-485 or Ethernet (TCP/IP) connectivity
- Flexible 4–20 mA analog output per channel
- Fully compliant with ISO 21501-4 and JIS B 9921
- Cleanroom-compatible stainless-steel enclosure



ONLINE MICROBIAL AIR SAMPLER
Built-in pump active air sampling for bio contamination control

ENVIRONMENTAL MONITORING SYSTEM



DATA NEXT
Environmental
Monitoring System

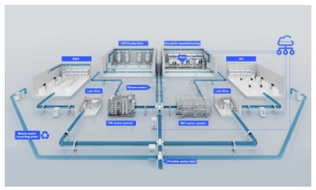
Modular EMS architecture engineered for GMP cleanrooms, particle, microbial, microclimate and vacuum, unified under one validated data layer.

- Modular. Seven hardware modules, configured not customized. Add capacity without rewriting architecture.
- Validated by design. GAMP 5, 21 CFR Part 11, EU GMP Annex 11 and ALCOA+ are embedded in the architecture,
- not bolted on.
- Open. Profinet downstream, OPC UA / Modbus / digital I/O upstream. No proprietary lock-in toward SCADA, BMS, MES or LIMS.
- Reduced footprint. Up to 50% lower in height vs typical rack-based EMS in equivalent configurations.
- One software platform. From a single isolator to a multi-department site, the same IEMS Next SCADA and configuration tool.

BACTERIA MONITORING ONLINE



BACTIQUANT
Online



Water types/application
PW / WFI / Potable inlet / Wastewater recycling



BACTIQUANT
Lab Model

FLEXIBILITY IN OPERATION

- Monitor critical control points
- Handheld tool
- Flexible inspections

The handheld technology can be used for flexible sampling schemes based on grab sample strategies and troubleshooting, pollution tracking, and emergency response.

AUTOMATED MEDIA PREPARATION

MEDIA PREPARATOR



MEDIAWEL 10



MEDIAWEL 30



MEDIAWEL 50

PETRI DISH FILLERS



- 90mm Petri dish
- 55mm Petri dish

DISTRIWEL 440

AUTOMATED TUBE & FLASK FILLER



POLYWEL UP!
AUTOMATED TUBES AND BOTTLES FILLER

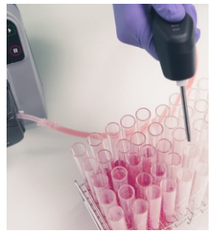
Discover POLYWEL UP!, a must-have solution for automating the filling of your tubes, vials, bottles, and any other container. Ideal for microbiology laboratories, this device ensures fast, reliable, and uniform dispensing of your culture media, all while optimizing your productivity.

The POLYWEL UP! stands out for its high performance. With a capacity of over 1000 tubes of Ø18 mm or up to 40 bottles of 1 L (Ø100 mm), it can fill 1000 tubes of 9 ml in just 30 minutes, while ensuring 98% accuracy.

PERISTALTIC PUMPS



DOSYWEL UP!
– HAND DISPENSER PACK



Dispensing Accessories

The DOSYWEL UP! is a new-generation peristaltic pump, specially designed to automate the dispensing of your media, diluents, and any other liquids in the laboratory. Versatile, it allows manual, automatic, foot pedal, or dispensing gun dosing. It has a wide range of programmable volumes (0.1 to 9.999 ml) and an adjustable speed of up to 2 L/min. Thanks to its intuitive touchscreen, you can effortlessly configure your programs, choose from several dispensing modes (dose-by-dose, constant flow, continuous dispensing, concentrated medium management), and optimize each protocol according to your needs.
Lightweight (3.1 kg) and compact in design, the DOSYWEL UP! fits easily on your bench and can be cleaned in a flash. Complete cycle traceability is ensured by ticket printing, USB export, or integration with the Labpage® platform, guaranteeing full compliance with quality requirements.

GLOVE & RTP INTEGRITY TESTING



KEY FEATURES & CAPABILITIES-

- Accurate and reliable performance with high-performance battery.
- RFID-based identification and automatic device networking.
- Patented quick-release mechanism.
- 7-inch capacitive touchscreen for easy operation.
- Standalone operation or wireless group control supporting unlimited connected devices.
- Built-in and external calibration ports for on-site verification.
- Comprehensive glove lifecycle management, including brand, model, material, replacement history and compliance tracking.
- Centralised software for batch reports, compliance records and complete data traceability.
- 21 CFR Part 11-compliant data management with electronic signatures and audit-ready documentation.

DRY FOG SYSTEM (BIO-DECONTAMINATION)



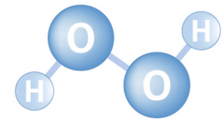
HPE TECHNOLOGY

A hydrogen peroxide solution at a concentration below 8% is diffused through a nozzle, creating a mist of microdroplets that are ionised as they pass through a high-voltage electromagnetic field.

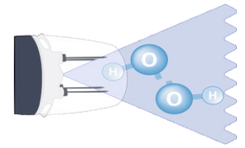
The resulting mist contains a high concentration of hydroxyl radicals and ROS (reactive oxygen species), which can damage microorganisms through the oxidation of proteins, carbohydrates and fats.

The electromagnetic field generates an electrostatic charge in the mist, allowing it to disperse effectively throughout the treated area. This enables high-rate solution dispersal and coverage of the area being treated.

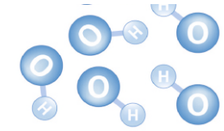
The resulting by-products, oxygen and water, leave no residue on surfaces.



Hydrogen peroxide < 8%



Ionisation and diffusion thanks to a high



Mist of micro-droplets of hydroxyl radicals

APPLICATIONS

The different systems can be used in the following applications:

- Pharmaceutical Industry
- Research And Laboratories
- Biotech
- Hospitals And Healthcare
- Offices
- Transport

BIO-DECONTAMINATION SYSTEM (VHP GENERATOR)

APPLICATION:
Isolator, VHP Passbox, Room Bio-Decontamination System, and Rental Service also available







FOGGER MACHINE



SS FOGGER MACHINE

- 360 degree rotation increase area coverage. Almost thrice than, without it.
- Help fog spread in all direction & reach evey corner of the space.
- Ensures 'equal' distribution of the fog into the air.
- Prevent condensation of fog particles due to the movement.
- Saves time as effectively treat the area in less time.
- Nil maintenance & trouble free operation.



FOGGER WITH
ROTO-TABLE 360

WATER PURIFICATION SYSTEM - TYPE I & II

Stand type



Arioso Series

Dispenser Unit

Dispenser monitor



Smart, New Arioso



Arioso monitor

AUTOMATED & MANUAL COLONY COUNTER





IntelliScan
AI AUTOMATED COLONY COUNTER



MANUAL COLONY COUNTER

FREEZING POINT OSMOMETER



FREEZING POINT OSMOMETER
Single Sample



FREEZING POINT OSMOMETER
Multi Sample

TECHNICAL SPECIFICATIONS

Measurement Principle	Freezing Point Depression
Measurement Range	0-3000 mOsm/kg
Accuracy	±1% Full Scale
Resolution	1 mOsm/kg
Sample Volume	30-50 µL
Measurement Time	≤90 seconds
Operating Temperature	15-30°C
Operating Humidity	≤80% RH
Power Supply	AC 220V ±10%, 50Hz
Dimensions	300 × 300 × 280 mm
Weight	8 kg
Display	7-inch color touchscreen

APPLICATIONS

- Clinical & Medical Diagnostic Laboratories
- Serum and Urine Osmolality Testing
- Pharmaceutical Quality Control
- Injectable & IV Fluid Testing
- Biotechnology & Cell Culture Research
- Food & Beverage Quality Testing
- Dairy Product Analysis
- University & Research Laboratories
- Biological Fluid Analysis
- Pharmaceutical Formulation Development

VORTEX MIXERS



Vortex Mixer without Display



Vortex Mixer with Display



Multi-Tube Vortexer



Microplate Vortex Mixer

BENCHTOP EQUIPMENT



Tabletop Centrifuge



Mini Centrifuge



Benchtop High-Speed Centrifuge

OVEN & INCUBATOR



Drying Oven



Vacuum Oven



CO_2 Incubator

GENERAL LAB EQUIPMENT



HEATING BLOCK



BIOSAFETY CABINET



STEAM POT



WATER BATH

COMPRESSED AIR & NITROGEN QUALITY MEASUREMENT SYSTEM



COMPRESSED AIR / NITROGEN AIR QUALITY MEASUREMENT SYSTEM

- Oil Mist, Water vapaur, CO, CO2, NO + NO2, H2S, SO2
- Mandatory as per USP - NF 24, EP 4 - 2.1.6, IP - 2.1.1 and BP 2.1 .6, Based on color change detector tube
- Gastec Pump

WATER ACTIVITY METER

The Water Activity (ERH Meter) is a high-precision device designed for the accurate measurement of water activity, also known as Equilibrium Relative Humidity (ERH). It meets or exceeds the stringent standards of USP-NF 1112 and serves as a reliable alternative to microbial limit tests for non-sterile pharmaceutical forms, such as APIs, creams, ointments, lotions, and liquids. Equipped with advanced digital sensor technology, this meter provides easy, non-destructive measurements and is supported by internationally certified calibration standards. It requires no maintenance and incurs no recurring costs, making it a cost-effective solution for both laboratory and production site applications, including on-site monitoring. Additionally, the device can generate sorption isotherms, allowing for precise moisture content analysis in various materials.



COMPLIANCE: Compliant with ISO 21807:2004 and ISO 18787:2017 standards, as well as 21 CFR Part 11 requirements.



- Shelf life testing Formulate profitable products
- Control microbial growth and useful in predicting the growth of bacteria, yeasts and molds.
- Avoid formulation issues
- Predict temperature abuse during distribution
- Develop optimised packaging

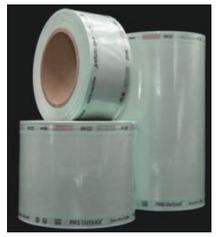


Applications:
Pharmaceuticals, Food & Dairy, Cosmetic industries, R & D, Paper industries, Academia

MICROSCOPE AND SEALING MACHINE



MICROSCOPE
(BINOCULAR & TRINOCULAR)



STERILIZATION REELS



ROTARY SEALING MACHINE

All type of Microscope (Binocular & Trinocular) available with camera

Applications: To study of bacteria, cell and many more in Microbiology lab, Pathology, Colleges, Universities, Food Industries, Clinical, R&D labs, Generic lab. Chemical industries

Application: For packaging in Pharmaceutical, Lifescience, Food & Beverages, Biopharma and many more industries.

The eco pak generation is our new premium economy class for the professional packaging of medical instruments in sealable pouches and reels. The sealers offer ideal sealing performance with high capacity at the same time and meet all safety standards. The pouches and reels to be sealed are fed into the device via the infeed plate on the left, and then the pouches are sealed continuously

CLEANING VALIDATION SWABS



TX714A

- Polyester head material
- Chemical resistance & good sorbency
- Autoclave for reuse
- Tested with Textile committee for lint free & nonabrasive

LAB CONSUMABLES PRODUCTS



BOWIE DICK TEST



BIOLOGICAL INDICATORS



CHEMICAL INDICATORS



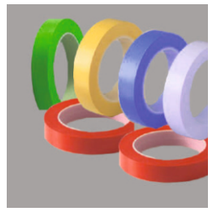
Chemical Indicator, Strips for H2O2



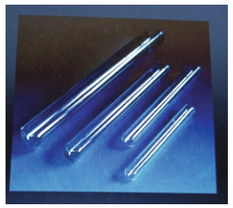
CLEANROOM PEN



CLEANROOM MARKER



CLEANROOM TAPES



BET Test Tube (Pyrogen Free)



BET KIT

GENERAL LAB EQUIPMENT



ANALYTICAL BALANCES, LA AND LAG SERIES



THERMOMETER/CLOCK/ HUMIDITY MONITOR



DIGITAL PHOTOMETER
21 CFR - PART 11 COMPLIANCE



AEROSOL GENERATOR

CLEANROOM PRODUCTS

Hydrogen Peroxide (H_2O_2) Solution – 30–35% Concentration-



- Used in Vapourized Hydrogen Peroxide (VHP) applications.
- Designed for area bio-decontamination.

Triple Bucket System



Disposable Petri Plate 90 mm & 55 mm

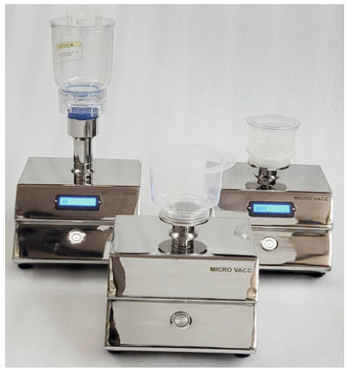




Micro Pipettes (Digital & Manual)



MANIFOLDS & MICRO FILTER FUNNEL ASSEMBLY



Vacuum Filtration System


Syringe Filter


Sterile Filter Paper


SS Manifold


Disposable Filter Funnel


Magnetic Filter Funnel


Oil Free Vacuum Pump

MAGNETIC STIRRERS AND ANALYTICAL INSTRUMENTS


MAGNETIC STIRRERS


OVERHEAD STIRRER


HEATING MAGNETIC STIRRERS


BOD INCUBATOR


MULTI POSITION STIRRERS


AUTOMATIC MELTING POINT APPARATUS

LABORATORY EQUIPMENT & THERMAL SOLUTIONS


DILUWEL UP !
New generation gravimetric dilutor



MIXWEL UP!
High-performance blender

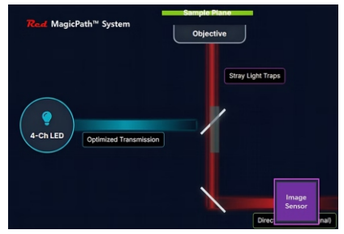

LAB MUFFLE FURNACE


INDUSTRIAL WATER COOLING
RECIRCULATING CHILLER

FLUORESCENCE MICROSCOPE SYSTEM



RED DISCOVERY
Fully Automated Fluorescence
Microscope Imaging system



MagicPath™ Technology

This innovative system ensures that even the faintest fluorescent signals are efficiently collected and transmitted to the imaging sensor, resulting in brighter images with higher contrast and lower background noise.



RED PRIME
The Manual Standard Fluorescence
Microscope Imaging system

ANALYTICAL INSTRUMENTS


AUTOMATIC
REFRACTOMETER


GLASSWARE
WASHER


ULTRASONIC BATH
(SONICATOR)


AUTO TITRATOR - 21 CFR
PART-11 COMPLIANCE


MICROCONTROLLER BASED
KARL FISCHER TITRATOR

CALIBRATION SERVICES


Air Sampler Calibration

Air samplers are essential for environmental monitoring programmes. Regular verification of the aspirated air volume is imperative to ensure accurate and reliable contamination monitoring.

VWR offers a comprehensive calibration and service programme for air samplers. We recommend calibrating air samplers every 6–12 months, or sooner if the instrument has been damaged or its flow rate has been compromised.

Note: On-site calibration and service support available.

Pirani Gauges Calibration

- Piranl gauge & Vacuum Transmitter In Lyophilizers
- Hot Cathode & Cold Cathode
- Pennig Gauge
- Reference Tube
- Vacuum Data-logger / Record

Make: Edward. MKS
Pfeiffer. Leybold. Etc







