

PRODUCT Catalogue



Pharmaceuticals



Food and Beverages



Bio-Pharma & CRO



LABTECH
ANALYTICAL

THE QUALITY SOLUTION TO LABORATORY NEEDS

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, reaspiration 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 300 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

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

New



SAS ISO USB 100/180



Particle Counter

- Particle Counter (100 / 50 LPM)
- The Particle Counter (APC) is fully compliant with ISO 14644-2015 and ISO 21501-4.
- 8 inch touch screen size, fast response, even with two pairs of latex gloves
- Sealed 316L stainless steel housing and dust plug to keep dust and water out
- Standard report: a key to generate ISO/EUGMPI GMP reports.
- Data review and data export.
- Data Integrity: Featured with an audit trail.

Specification Features

- FLOW: A110: 100lpm ± 3%
- SIZE RANGE: A110: 0.5µm-25µm
- Size channels: A110: 0.5µm, 1.0µm, 2.0µm, 3.0µm, 5.0µm, 10.0µm
- Size resolution: <15% at 0.5 µm (meets ISO 21501-4)
- Count efficiency: A110: 50%±20% for 0.5µm, 100%±10% for >0.75µm (meets ISO 21501-4 and JIS B9921)
- Concentration limit: A110: 560,000 particles/ft³ at 10% Coincidence loss
- Zero Count: <1Count/5min
- EXHAUST: Internal HEPA filter (>99.997% @ 0.3µm)
- Area/Location: 20,000 rooms and 200,000 pitches
- Sampling time: 1 second to 168 hours
- Cycles: 1000 samples on one place
- Laser source: Long life laser
- DATA STORAGE: 3.5g, ±5,000,000 sets of sample records

- DISPLAY: 8" LCD capacitive touchscreen
- LANGUAGE: Chinese, English
- Data reliability: Compliant with 21 CFR part 11
- REPORTS: Compliant with ISO/EUGMP/ChineseGMP/Fed Std
- Calibration frequency: Recommend at least once a year
- Dimensions (HXWXD): 254x204x263mm
- MASS: 6.1 kg (13.45 lb) (without battery)
- ENCLOSURE: 316L stainless steel
- POWER: AC 100-240V, 50Hz/60Hz
- BATTERY: 10.8V, 9000mAh, rechargeable lithium battery
- Battery endurance: A110: run for 4 hours
- MAXIMUM ENERGY: AC consumption 90W
- Operating conditions Temperature: 5°C-35°C, relative humidity up to 95%
- Storage condition temperature: -10°C-40°C, relative humidity up to 98%
- SAFETY: EN 61010-1: 2010, EN 61326-1: 2013, EN 61326-2-2: 2013, EN 60825-1: 2014, EN 61000-6-1: 2007, EN 61000-6-3: 2007+ A1, FCC Part 15, Subpart B
- WARRANTY: 2 years after activation



Particle Counter

Continuous Viable Air Monitoring Solutions



- ImpactAir-90 and ISO-90 range of microbial air monitors have been designed to meet the demanding requirements of pharmaceutical, healthcare and specialist food industries. They are used for continuous monitoring in high-grade areas, where in-process monitoring of viable particles can be critical and where ISO-14698, CEN-17141 and GMP Annex 1 compliance must be satisfied. Most users are already familiar with using agar based methods for environmental monitoring - using settle plates for upto 4 hours and air samplers to sample a cubic metre of air in just 10 minutes. Along with these methods, users will have many years of valuable experience of handling plates, interpreting the results and a wealth of historic data as a reference.



ISO-90-N – PoE Monitoring Head with Built-in Pump

- This is our latest and probably most remarkable innovation. We have successfully reduced the size and power consumption of the vacuum pump such that the pump can fit into 122 mm diameter monitoring head and does not require any external vacuum source or pipework. This makes it ideal for bio-safety cabinets or isolators where the exhaust must be fed back into the same environment through an optional built-in HEPA filter.
- The reduced power consumption has made it possible to be PoE (Power-over-Ethernet) driven.
- It is designed to connect directly into an isolator control system requiring no other hardware other than a PoE network switch.
- This could be an ideal sampler to monitor upgrade option for existing isolators.



ImpactAir-90-B/M Portable Monitor

ISO-90 - Monitoring Head



ISO-CON-90 – Complete Monitoring System



Automated & Manual Colony Counter

- Scan 100 enables the accurate counting of colonies on any type of media. The integrated USB key enables to export the results to guarantee traceability. Counting on Petri dishes (Ø 55 to 150 mm), PetriFilm™, MC-media Pads™, Compact Dry™, filtration membranes White LED lighting with adjustable intensity Data export via USB, LIMS, Excel™



Scan 100

- Scan 4000 is an automatic HD colour colony counter. It is adapted to all sizes of Petri dishes and any culture media. Its indirect lighting system gives user great comfort, high accuracy and excellent reproducibility. Scan 4000 is also an inhibition zone reader.
- Minimum size of detected colony: 0.05 mm
- Camera: 5 megapixels - zoom x 69
- Counting on Ø 55 to 150 mm round Petri dishes and 120 mm square Petri dishes
- Counting on pour, surface, Spiral, circle mode plated dishes
- Counting on chromogenic agar, PetriFilm™, MC-media Pads™,
- Compact Dry™, Easy Plate™, filtration membranes
- Inhibition zone reader



Scan 4000
Ultra-HD automatic colony counter
Unequaled image quality

Dispensing Pumps



FlexiPump

FlexiPump are peristaltic dosing pumps that allow the distribution of culture media, agar, diluents and all types of liquids. Their speed and accuracy guarantee an efficient preparation of your analysis.



FlexiPump Pro



Fogger Machine



SS Fogger Machine

- 360 degree rotation increase area coverage. Almost thrice than, without it.
- Help fog spread in all direction & reach every 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



Advanced pH Benchtop Meter



The Thermo Scientific™ Orion™ Star A211 pH Benchtop Meter works for any lab or application. Its durability and dependability make it ideal for every sample, every day.



Features and Benefits

- Easy meter operation assured with on-screen text prompts, menu-specific function keys and a multi-language interface for English, Spanish, French, Italian, German and Chinese
- Don't miss a reading—AUTO-READ™ locks in the stable reading on your screen, ready indicator alerts when readings are stable and timed reading gathers data in specific time intervals
- Up to 5 point pH calibration with automatic recognition for USA/NIST and DIN buffers or manual option for custom buffer values and calibration editing to fix individual points without a full recalibration
- Non-volatile memory holds up to 2000 data points with time and date stamp
- Easily transfer data and keep meter software up-to-date with the USB and RS232 ports and complimentary Orion Star Com computer software
- Stir samples with ease using the meter-controlled Orion Star stirrer probe (Cat. No. 096019)
- Included electrode arm and holder make it easier to maintain and place probes into samples
- Power the meter using the included universal power adapter or four AA batteries (sold separately)
- IP54-rated housing handles splashes and is wall-mountable to save space



Compressed Air / Nitrogen Air Quality Measurement System

- Oil Mist, Water vapour, 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



Digital Osmometer



Osmo 610 is the 4th generation osmometer made by YASN Limited. It is an automatic freezing point osmometer with sample volume of 30 ~ 50 ul and specially designed for scientific research customers.

Useful features include touch screen user interface, automatic measuring head operation, 32G mass memory make Osmo610 well accepted by customers of pharmaceuticals, Scientific Research Institutes.



Single Sample

Technical Parameters: Basic Performance

Sample Volume: 30-50µL
Test Time: about 90 Sec.
Sample Capacity: Single sample
Unit: mOsm/kg H₂O
Resolution: 1 mOsm/kg H₂O
Measuring Range: 0 - 3000 mOsm/kg H₂O

Repeatability: 0 -400 mOsm/kg H₂O : ±2
 400-2000 mOsm/kg H₂O : ±0.5% (1 S.D.)
Linearity: Drift < 1%
Communication: Serial RS-232 and USB
Language: English

The OM-6080 fully automatic freezing point osmotic pressure meter is widely used in pharmaceutical companies, research institutes, and beverage production for accurate osmotic pressure measurement. Launched by Yasen in 2023, it offers fully automatic sample handling, stable performance, and automated probe cleaning. Its high degree of automation makes it ideal for research, development, and quality control in various industries.

Testing time: About 2 minutes per sample **Sample testing capabilities:** Multiple sample testing
Resolution: 1 mOsm/kg H₂O Scope: 0-2000 mOsm/kg H₂O
Accuracy (YASN standard solution): ±3 mOsm/kg H₂O (0-400 mOsm/kg H₂O, 1 SD), ±0.75% (400-2000 mOsm/kg H₂O, 1 SD)
Repeatability (YASN standard solution): SD values < 3 mOsm/kg H₂O (0-400 mOsm/kg H₂O), CV value ≤ 0.75% (400-2000 mOsm/kg H₂O)
Supported languages: English **Storage temperature:** -20°C to +45°C (-4°F to +113°F)



Multi Sample



WATER PURIFICATION SYSTEM - TYPE I & II

ARIOSO is the world's top which is embedded with state of the art technology. It will satisfy you beyond your imagination with the world's first developed 2-in-1 system (producing Pure water and Ultra pure water from 1 system), controlled by a large touch screen, meeting the various application, elegant and practically scientific design.

Pure & Ultra Pure water (2-in-1 System)

Features

- Certified CE, ISO 9001, ISO 14001
- Certified NRTL (UL, cUL)
- Awarded Korean excellent products
- Auto calibration for water sensor
- Extensible point of use
- Frost alarm message
- 3, 5 steps water level sensor
- Filter exchange indicator : Beep & charactor display
- Languages : English, Korean, etc
- Self-diagnosis functions
- Direct water type ultrapure water : World's 1st development system.



TOC meter

- Range : 0 to 200 ppb
- Resolution : 1ppb
- Reproducibility : $\pm 5\%$
- Accuracy : $\pm 10\%$
- Temperature : 5 to 35°C
- Composition :
 - Conductivity sensor for TOC.....S1, S2
 - Temp sensor for TOC.....T1, T2
 - 184.9mm UV lamp for TOC
 - UV chamber
 - Volumetric value
- Error display : 9 message (UV lamp, Temp sensor, TOC value, Over range, etc)
- Principle : CO₂ is generated by oxidation of the organics in UP water with 184.9mm UV light. It affects the conductivity value (compensated at 25°C) and TOC value can be measured from this change.

System Display



ARIOSO DISPENSER UNIT



Smart, New Arioso, Arioso

Efficient Dispenser for Water Purification System

Features

- Dispenser : Max. 3m
- Dispensing mode
 - low flow
 - medium flow
 - high flow
 - Continuous flow
- Error Display
 - Filters Replacement Period
- Volumetric & Timer Dispensing : Self calibration
- Can be connected to Smart, Arioso series
- Convenient and optimized dispenser to produce type I grade water.
- Recycling function to maintain the UP water quality
- Built-in various functions such as dispensing speed (3 steps), volumetric & timer dispensing.
- Display of error, filter replacement period and so on.

Stand type



Arioso Series



Dispenser Unit

Dispenser monitor



Smart, New Arioso



Arioso monitor



Magnetic Stirrers

■ HIGH CAPACITY MAGNETIC STIRRER WITH A MICROPROCESSOR & BRUSHLESS MOTOR

- Brushless DC motor for quiet operation and maintenance-free long operation
- Microprocessor controlled stirrer with variable speed and time setting, along with last-run memory function
- Adjustable speed ranging from 100-1000 RPM (50L) & 100-600 RPM (200L) with increment of 10 RPM and accuracy of +/- 10 RPM
- Long timer setting from 1 to 99 hours 59 minutes & infinite mode
- Choice of acceleration rates from A1 to A9
- Programmable Pulse with direction change feature - Pulse timing can be set from 30 to 300 seconds
- Stainless steel (SS) set-up plate for corrosion protection
- Automatic power on in case of power failure, automatic run on remaining duration after power resumption
- Power overload safety feature
- Supplied with stir bar and support frame for holding vessel



■ MAGNETIC STIRRERS

With excellent stirring functionality, the compact shape of FlatSpin takes less bench space and makes storage easier.



■ MULTI MAGNETIC STIRRERS



Heating Magnetic Stirrers



■ 10-Position Magnetic Hotplate Stirrer

- Maintenance-free brushless DC motor
- Max speed 1100rpm
- Max. temperature 120°C
- Stainless steel work plate, cover with silicone cushion, provides the excellent performance of heating uniformity and skid resistance



■ HOT PLATE MAGNETIC STIRRER

- Powerful motor for constant speed delivery under varying load & Stirring capacity up to 10 litres
- Single instrument with 3 optional setup plates - Stainless steel, Ceramic coated SS & Aluminum
- Heater temperature setting from Ambient to 320 °C
- Variable speed setting from 200 to 2200 RPM in steps of 10 RPM & long timer range from 1-999 mins & infinite mode
- Microprocessor controlled hot plate stirrer with variable speed and time setting, along with last-run memory function
- Auto restart mode automatically resumes stirrer operation in case of power interruption
- Keypad lock function locks down keypad after the user has set the parameters
- Large and clear display for better readability across all parameters, set values readily visible
- Supplied with PT-1000 temperature probe to accurately measure temperature of medium
- Safe temperature circuit for greater reliability
- Small footprint for saving valuable bench space
- LED indication when plate temperature above 50 °C
- Optional multiple reaction blocks



■ Magnetic Hotplate Stirrers

DLAB 340°C magnetic hotplate stirrers include all leading safety standards and features for superior easy of use and cost-effective. They are widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals, etc.



Dry Bath/Heating Block

Dry bath provides precise temperature for various experiments. Thermo mix also has mixing function, and widely used in various fields such as molecular biology and cell biology, including gene synthesis, gene purification, gene cloning, gene expression, protein expression analysis, enzyme reaction, bacterial growth and so on.

Small footprint. Rapid & accurate temperature control. Overheating protection. Accommodates various types of tube holders to meet every lab need.





Vortex Mixers

VORTEX MIXER

3-way switch (On/Off/Touch). Brushless DC motor for maintenance free-long life (VWRA444-1147). Orbital diameter of 4mm. Adjustable speed. Built-in counter balance for stable & safe operation. Timer setting 0 to 999 minutes (VWRA444-1147). Digital display toggles between speed and time every 5 second (VWRA444-1147). Programmable pulse mode function (VWRA444-1147) Silent operation. Robust construction for stable operation. Universal Power Supply (VWRA444-1147).



MINI VORTEX MIXERS

Tiny vortex with small footprint Delivers upto 4500 RPM (VWRA444-1149) for thorough mixing & quick vortexing Brushless DC motor (VWRA444-1149) for maintenance-free long life Orbital diameter of 4.5mm Smart and Robust design - press activation with suspension Robust construction with die cast aluminum base and rubber vacuum pads for stable and silent operation Inbuilt counterbalance for stable operation



Vortex Mixers

Vortex Mixers are ideal instruments for mixing to vigorous resuspension of cells, biological and chemical liquid components in tubes using an eccentric mechanism. they are widely used in life science, physical and chemical analysis fields.

Shakers



MICROPLATE SHAKER

Two independent LED displays show speed and time. Integral timer, 1 s to 160 h, shows elapsed time or counts down, automatic switch off and audible alarm when program is complete. Can be used at -10 to +60 °C (80% relative humidity, non condensing), in an incubator, CO₂ incubator or cold room



THERMOSHAKE, THERMAL SHAKE TOUCH

The Thermal Shake Touch is designed for applications that require consistent and precise results. With heating and shaking capabilities, the low profile unit uses interchangeable blocks to accommodate a wide variety of tubes and microplates. The LCD touch screen enables faster setting of temperature, speed and time, which can all be viewed at once. Display features on-screen help topics with operational tips. Touch screen is compatible with rubber gloves used in laboratories.



TABLETOP CENTRIFUGE

THE TABLETOP CENTRIFUGE WITH A MICROPROCESSOR & BRUSHLESS MOTOR



Intuitive interface for quick and convenient setting. Better airflow design for lesser heat generation, greater sample safety and lesser noise. Brushless DC motor – Free from maintenance and better delivery of power/weight ratio, fit for extended runs. Imbalance detection with auto cut off. Lid lock safety - Lid opens automatically on run completion. One touch Short Spin operation & RPM/RCF conversion. Microprocessor controlled centrifuge with last-run memory feature. Small foot print for saving valuable bench space. Suitable for use in hoods or cold rooms

OVEN & INCUBATOR



DRYING OVENS WITH NATURAL CONVECTION

Multi-functional microprocessor controller with 4,3" full colour touchscreen. 5 user programs memory. Five-segment temperature-time profile, quick change of set temperature and set time during a running program. Scheduled program start (set of date and time) and loop function up to 255 times or endless. Adjustable hold at set point time for temperature from 1 min to 366 days or continuous operating. Adjustable ramp times (days/hours/minutes). Over temperature protection class 3.1. Automatic air flap control (0% - closed, 100% - open, adjustable in increments of 1%)



DIGITAL INCUBATORS

Compact design (IL 10: 0,08 m²; IL 23: 0,12 m²; IL 56: 0,19 m²). Digital PID control with PT100 sensor and LED display, temperature control can be readjusted with a certified reference temperature measuring instrument Easy to use, safe and reliable



INCUBATORS WITH NATURAL CONVECTION

Multi-functional microprocessor controller with 4,3" full colour touchscreen. 5 user programs memory. Five-segment temperature-time profile, quick change of set temperature and set time during a running program. Scheduled program start (set of date and time) and loop function up to. 255 times or endless Adjustable hold at set point time for temperature from 1 min to 366 days or continuous operating Adjustable ramp times (days/hours/minutes). Over temperature protection class 3.1. Automatic air flap control (0% - closed, 100% - open, adjustable in increments of 1%)



Glove Integrity Tester



The fully automated IGT Series of tester made by RAVONA are the most advanced glove integrity testers device on the market. The testers systems uses pressure decay measurement compliant with ISO 10648-2. Everything you need for reliable glove integrity testing is integrated into a battery-powered test cover and its 21 CFR Part 11 compliant software interface, a modular system, that can be a stand alone unit (IGT-200) with a tablet, a multiple testers(IGT-300) trolley, and an integrated tester to the Isolator platform (IGT-400).

IGT Series Features:

- Hygienic design for use in a cleanroom.
- Status indicator.
- More than 50 tests on 1 battery charge.
- Can be feted to multiple glove ports types and shapes.
- Pressure decay measurement according to ISO 10648-2.
- Test report. •User access levels.
- Smallest hole detection of 50µm.
- Calibration ports.
- RFID tags, for Glove port recognition.
- Wireless design.
- 21 CFR Part 11 compliance.
- Flexible recipe.

Optional features:

- Technical documentation – HDS, SDS, FDS P&ID.
- Calibration box.
- IOQ.
- Trolley.



BIOLOGICAL SAFETY CABINET

Class I, Class II A2 / B2 & Class III

AIRTECH Biosafety Cabinets (BSC) are designed to maximize sample, user, and environment safety with an emphasis on containment, comfort, and convenience.

Our biosafety cabinets are completely unique to the requirements of the user and working, as well as compliant with critical safety regulations.

Biosafety Cabinet - Class II A2 Type 
Airflow: 70% Recirculated & 30% Exhausted

Biosafety Cabinet - Class II B2 Type 
Airflow: 0% Recirculated & 100% Exhausted



ROTARY EVAPORATOR



Rotary Evaporators (usually referred to as "Rotovaps") are primarily used for distillation/separation applications and are frequently utilized in the domains of medicinal chemistry, pharmaceuticals, chromatography and petrochemicals. In summary, the system operates by increasing the rate of solvent evaporation by:

- Reducing the solvents boiling point by pressure reduction.
- By rotating the sample, the effective surface area is increased.
- The solution is evaporated, it condenses in a cooled glass condenser.

Features

- Simple design allows for manual or automatic operation with one hand.
- A unique PTFE sealing system delivers outstanding thermostability, minimizes corrosion and helps maintain headache-free operation day in and day out.
- Our Bath is equipped with a dual heating mode for water and oil, as well as an overheat protection.
- The PID controller allows for simple parameter entry and features a big LCD display for convenient viewing.
- A vacuum regulator is available.

Lab Model

Industrial Model



Manifolds & Micro Filter Funnel Assembly



Vacuum Filtration System



Syringe Filter



Disposable Filter Funnel



Sterile Filter Paper



Magnetic Filter Funnel



SS Manifold



Oil Free Vacuum Pump



Water Bath

Linear shaking water baths with stainless steel tank and simple, intuitive user interface. It is quick and easy to fit alternative shaking trays. Heating element is positioned on the underside of the tank, no heating element in the bath means it is easier to clean and keep clean. Baths have an adjustable over-temperature alarm and advanced dry start/run dry protection. Available ready to use in two sizes to suit a variety of applications including sample preparation, mixing and thawing.



- Intuitive user interface enabling quick changes to temperature and shaking speed
- Discrete, under tray, magnetically coupled shaking mechanism is reliable and quiet in operation
- Excellent temperature stability $\pm 0,1$ °C
- Temperature range: Ambient +5 to 99 °C
- Adjustable shaking speed range: 20 to 200 min⁻¹ (dependent on load)
- Display: Resolution 0,1 °C

The BEING BWS Series general purpose water baths are suitable for direct heating and auxiliary heating of biological, chemical, physical, plant, chemical, and other experimental samples. The general purpose water baths have a bright, easy-to-understand LCD intelligent controller, a corrosion-resistant stainless steel chamber, and many more features.



Available in 5 L, 10L, and 20 L capacities with a temperature range from Ambient + 5°C to 100°C. A variety of accessories are available.



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: Compliance with ISO21807:2004 and subsequent ISO18787:2017 standards
Compliance with 21CFR part 11

- 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 (Binocular & Trinocular)

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.



Sterilization Reels



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



Rotary Sealing Machine

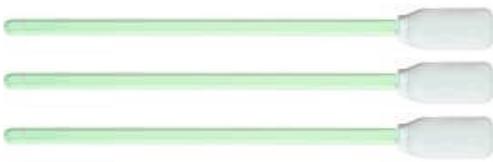


The eco pak generation is our new premium economy class for the professional packaging of medical instruments in sealable pouches and reels. The sealers offer ideal sealing performance with high capacity at the same time and meet all safety standards. The pouches and reels to be sealed are fed into the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

Sealing reels also available.



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



ANALYTICAL BALANCES & DATA LOGGERS

ANALYTICAL BALANCES, LA AND LAG SERIES

An economical range of reliable, high performance analytical balances.

- Check-weighing (alarm function), weight totalising, density determinations of samples and piece-counting functions
- LAG models have large graphic displays with added functionality for formulation, GLP, date and time, multi-language
- Option of external or internal calibration, RS232 included as standard
- Weighing chamber L×W×H: 162×171×225 mm



THERMOMETER/CLOCK/HUMIDITY MONITOR

Features: MIN/MAX memory, memory clear, °F/°C switchable, 12/24-hour clock. At the touch of a button, memory recalls the highest and lowest temperature and humidity readings. Internal sensors make it ideal for use in hoods, storerooms, cleanrooms, incubators, drying chambers and environmental cabinets. Supplied: stand, wall mount, double-back tape, batteries, Traceable® Certificate



CLEAN ROOM PRODUCTS



H₂O₂ Solution



- Hydrogen Peroxide 30 - 35% H₂O₂ solution
- Use of VHP application
- For use of area Bio-Decontamination

Triple Bucket System



Disposable Petri Plate 90 mm & 55 mm



Micro Pipettes (Digital & Manual)



Global projects:





VIMACHEM
IIOT PHARMA 4.0 AI PLATFORM

30
Countries

We are helping manufacturing companies around the world

70+
Clients

Many have trusted us with rollouts across their factories

900+
Packaging lines & machines

We are monitoring performance and optimizing production

24/7
Global Support

Support teams located in 3 global locations (USA, Europe, Asia)

2
Locations

Athens, Greece
New York, USA

17
Years

on the market (software & machines)

70
Experts

Pharma consultants, software developers

Partner network

Around the world to implement & support

Platform

Cloud native, various modules, roadmap

GMP & FDA

Validated system, CSV, regulations compliant

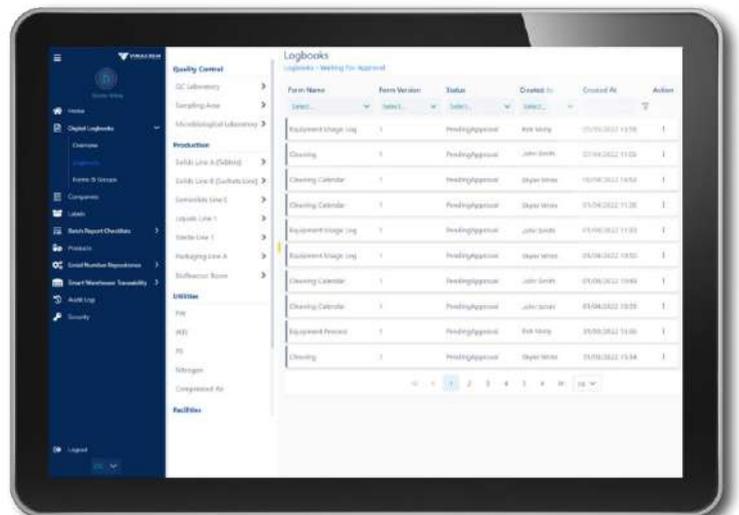
Vimachem MES Apps

-  **Cloud Based**
-  **Off-the-Shelf Apps**
-  **Plug-and-play Edge Devices**
-  **Self - Service**
-  **Easy to Validate**
-  **Rapid Time-to-Value**



eLogbooks & Forms

- Intuitive**
Create, approve and deploy quickly and globally, fully remotely any form or logbook.
- Connected**
IoT connectivity to equipment, devices and sensors. API for integration with MES/EBR. Push notification by email / MS Teams.
- Visual**
User-friendly interfaces and rich media provide a seamless experience across devices.
- Compliant**
Right first-time execution and review by exception out of the box.
- Data-driven**
Automatically collect production data across sites.





Calibration Services

• Air Sampler Calibration



Air samplers are key to any environmental monitoring programme so regular checking of the volume of aspirated air is imperative to ensure that there are no errors in the monitoring of contamination.

VWR has a comprehensive calibration and service programme on air samplers. We recommend performing air sampler calibration every 6-12 months or sooner if the air sampler has potentially been damaged or the flow rate has been compromised.

• Pirani Gauges Calibration

- Pirani gauge & Vacuum Transmitter in Lyophilizers
- Hot Cathode & Cold Cathode
- Pennig Gauge
- Reference Tube
- Vacuum Data-logger / Record
- Make: • Edward • MKS
- Pfeiffer • Leybold • Etc



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