

Multitech Enviro Analytical LLP

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BRANCHES : DELHI | AHMEDABAD | KOLKATA | JHARKHAND

LABORATORY EQUIPMENTS Make: Thermo Fisher, USA

Environmental Chamber

Protect samples by controlling light, humidity, air pressure, and gas with environmental chambers. Available in multiple capacities, these enclosures are ideal for drug stability studies, shelf-life testing, controlled temperature storage, and insect or other biological research applications. Capacities range from cold chamber kits and onstage incubators to industrial-quality chambers with configuration options to suit a variety of purposes. Replace standard outer glass door with the Solid Outer Door Option for Thermo Scientific™ Large Chamber to protect samples against light or increase the functionality of your lab with the stainless-steel Thermo Scientific™ Environmental Chamber. More info pls see catalogue.



Micro Centrifuges

Microcentrifuges are designed for use with small sample sizes such as microtubes. Compact-footprint centrifuges are ideal for microfilter cell separations and HPLC samples. Units are electronic or handheld, and may have digital interfaces and refrigeration capabilities.



Bring efficiency and user comfort to your lab stations with the Thermo Scientific mySPIN 6 mini centrifuge. Ergonomic design, tool-free rotors, and quick-spin options make it fast and easy to use. Ideal for microfilter cell separations and HPLC samples, with adapters to accommodate all major microtube and PCR tube styles (2.0, 1.5, 0.5, 0.2 mL) for customized use.

Box/Benchtop/Muffle Furnace

- Temperature Range : 100 to 1500Deg.Celsius
- Digital single setpoint temperature control
- Dual display shows actual temperature and setpoint
- Ceramic fiber insulation designed to permit faster heatup, reducing energy consumption
- Embedded heating elements on top and both sides designed to improve temperature uniformity
- Drop-down door doubles as a shelf for loading and unloading
- Door safety switch stops power to heating elements when door is opened
- Thermocouple break protection cuts power to heating elements
- preventing failure runaway condition• 0.95cm (0.38 in.) diameter port in chamber rear for monitoring temperatures with independent measuring devices



Horizon Fog Testing System

- As an innovative leader in temperature control, we have the expertise to enable you to optimize your liquid cooling and heating applications while increasing productivity and reducing operating costs. With over 50 years of service and countless successful installations around the world, we collaborate with you to provide product and applications expertise to meet the most demanding temperature control requirements.
- From bio-tech and pharmaceutical to printing and
- Semiconductor, world class companies and industry leaders continue to make Thermo Scientific temperature control products their first choice.
- Corrosion resistance with epoxy powder-coated exterior, and easily clean the chamber with its seamless stainlesssteel interior.



Vacuum Oven

- Carry out daily laboratory work with Thermo Scientific™ Heratherm™ General Protocol Ovens, featuring temperature uniformity, easy settings and low energy consumption. Designed for low energy consumption with unique door design and highly efficient, insulation-reducing heat emission. Additional features include a built in timer, easy-to-view display and an alarm system to protect samples.
- provide precise and fast heating and heat transfer which
- helps minimize operation time. These vacuum ovens are
- compliant with the highest level of requirements for heating
- applications under a vacuum.
- In short:
- Choice of temperature levels, jacket-heated and shelf heated –
- up to 400°C / 752°F
- Choice of microprocessor controls with single set point, temperature
- ramping capabilities, and timer functions
- Sophisticated safety concept with adjustable independent
- over-temperature control
- Access port available for validation with external temperature sensor



Merlin Recirculating Chiller

- Save valuable space with compact, Thermo Scientific™ Merlin Low-Temperature Refrigerated Chillers. These extended-temperature chillers deliver a continuous supply of 1000 to 4300 watts of cooling capacity for critical applications.
- Description M150 LR 400/50 CP55 L/LF RS232
- Certifications/Compliance:CE
- Communications :RS232, Remote Start, low flow & low level alarms
- Cooling Capacity: Up to 4,282 watts
- Pump Type: CP55 (Centrifugal Pump)
- Temperature Range : -15°C to +35°C (5°C to +90°C)
- Pump Capacity:10 gpm @ 22 psi (37.9 L/min. @ 1.7 bar)
- Refrigerant: R134A
- Temperature Stability: ±0.1°C



Heratherm Microbiological Incubator

- Heratherm® microbiological incubators are available in four different models, providing three different incubator airflow technologies in a choice of six sizes.
- Compact
- General Protocol
- Advanced Protocol
- Advanced Protocol Securit



Water Bath / Refrigerated Circulating / Heated

- Precision General Purpose Water Baths are rugged, high performance baths that are designed to maintain water temperature from ambient (13°C to +300°C) Ideal for a wide range of lab applications, capacities range from 2L1 to 28L, including shallow models. Over-temperature safety circuitry is designed to prevent thermal runaway, while new auto on and auto-off timers allow you to optimize operation schedules. Benefit from outstanding chemical and corrosion resistance with epoxy powder-coated exterior, and easily clean the chamber with its seamless stainless steel interior.



LABORATORY EQUIPMENTS

Digital Dry Bath

- Digital controls and display of time and temperature.
- Built-in temperature sensing probe for outstanding temperature accuracy and control.
- 1, 2 and 4 block sizes
- Precise temperature control with PID circuit
- Temperature calibration enables to offset the temperature to desired value
- Timer allows the user to accurately monitor the heating time
- Interchangeable aluminum alloy sample blocks provide versatility and
- allow for easy cleaning and disinfecting
- Powder-coated steel body construction ensures durability

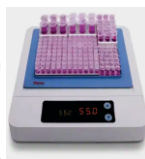


Applications

- Sample preparation | Enzyme preservation
- Enzyme-substrate reactions | DNA amplification
- Electrophoresis gel | degeneration | Serum coagulation

Digital Block Heater

- Digital temperature controls and display
- Small footprint and lightweight
- Built-in temperature-sensing probe assists with outstanding temperature accuracy and control
- Designed for precise temperature control
- Fast heating rate
- Multiple combination of different size of blocks allows for maximum tube size versatility during experimental procedure
- 2V low voltage power input



Applications

- Sample preparation | Enzyme preservation
- Enzyme-substrate reactions | DNA amplification

Digital Heating Cooling / Shaking Dry Bath

- PID control ensures precise temperature control
- Temperature Range from 4°C to 95°C
- Programmable:** > 10 programs, up to 10 steps per program Two types of timing modes:
 - > Start only after temperature reaches desired set point
 - > Start immediately after the timer is set
- Low profile design
- Blocks easily interchanged



Applications

- DNA extractions | Enzymatic reactions
- Reactions that need to be processed at or near room temperature | Reagent warming/cooling

Thermal Mixer with Blocks

- PID control ensures precise temperature control
- DNA extractions
- Enzymatic reactions
- Reactions that need to be processed at or near room temperature
- Reagent warming/cooling

Applications:

- Genetic analysis | DNA and RNA extraction
- Sample preparation | Biochemical studies of enzymatic | reactions and processes
- Extraction of metabolites from | cellular material
- Incubation | Agitation | Digestion
- Samples/standards for peptide mapping, more info pls. see catalogue



Digital Vortex Mixer

Key Features:

- Digital speed and time displays
- Continuous and touch modes
- Speed range: 200 to 3,000rpm
- Speed accuracy: - 200 to 1,500rpm: $\pm 5\%$; - 1,500 to 3,000rpm: $\pm 10\%$
- Rapidly adjust speed using touch controls
- Touch: 1,500rpm in 3 seconds
- Continuous: 3,000rpm in 6 seconds
- Countdown timer (up to 99 minutes)
- Maximum load: 0.5kg at 800rpm



Real Time Dust Monitor

- The Microdust Pro is a rugged, hand-held, data logging instrument for the real-time detection of airborne dusts, fumes and aerosols.

Applications

- Risk assessments for dusts and aerosols
- Monitoring dust levels within the workplace
- Industrial process monitoring
- Testing air filtration efficiency
- Environmental dust assessments
- Boundary monitoring for construction and demolition



Alcohol Breath Analyzer

- Professional Alcohol Analyzer Police Digital Breath Alcohol Tester/One-Button Operation, High-Precision, Automatic, LCD Display Breath Analyzer Alcohol Tester.
- Quick and Precise Analysis: 32-bit embedded processor secures high performance of the system.
- UK made Electrochemical/Fuel cell Sensor: Highly specificity to alcohol, unaffected by other possible breath contaminants.



Hot Plates, Stirrers, Rockers, Rotators & Mixers

Get precise stirring control for your routine protocols using Thermo Scientific™ Cimarec+™ series digital stirrers. The Cimarec+ Stirring Hotplate Series are available in three sizes, providing flexibility from microscale chemistries to production operations.

Advanced technology

Stir-Trac features innovative engineering for slow-speed stirring, consistent speed control, and strong magnetic coupling Temperature adjustable in 1 degree increments Hot Top warning system protects from accidental burns with prominent display when heating surface is above 50°C (122°F). Warranty: 3 years.

Flexible, robust design

- Top plate choices in ceramic or aluminum
- Easy-to-read LED display for heating and stirring, besides 4"x 4" Hotplate Stirrer, which has digital temperature and analog stirring control.
- Raised display design protects electronics from spills
- Optional temperature probe and splash guard protection shield
- Variable sizes for different sample volumes



Tablet pH Meter

PH Measurement range	(-2.00 to 19.99)pH
PH Resolution	0.1/0.01 pH
PH Accuracy	± 0.02 pH
Working Temperature	5 To 35 Deg C
Humidity	85 %

Main Features:

- 5 inch LCD screen with wide 150° viewing angle, beautiful and compact design.
- Compact bench cradle with rotary electrode holder to save space in laboratory.
- Small size and portable make it easy to carry and remove in laboratory and outdoors.
- Extendibility: different electrodes can be installed to test pH, conductivity and dissolved oxygen.
- Auto recognition of different electrodes after electrode is connected.
- 3.5 mm jack input for electrodes makes it very easy for electrode connection.
- Two USB one SD card interfaces for power and data transfer.
- Can store 300 pieces of data including readings, date and time.
- Rechargeable and long lasting battery. Auto shut off if there is no operation in ten minutes.



ANALYTICAL INSTRUMENTS

Niton XRF Metal (Ti-Bi)

The Thermo Scientific Niton x-ray tube-based x-ray fluorescence (XRF) analyzer with various product technology is purpose-built for your most demanding applications. Where low detection limits and high sample throughput are critical, our combination of hardware, software, features, and direct industry experience are combined to provide you with a solution to your most difficult analytical requirements. Advantages:



- Superior light element detection (Mg, Al, Si, P, S) without helium purge or vacuum
- High count rate for lower detection limits and faster analysis
- True lab-quality performance in a handheld instrument, including tramp/trace elements

Niton XL-2 Plus Analyser – Metal Alloy (Mg-U)

When durability, performance and productivity are top of mind, industrial businesses rely on the Thermo Scientific™ Niton™ XL2 Plus handheld XRF analyzer. Offering superior analysis and enhanced robustness, the Niton XL2 Plus is built for the way you work. Founded on a reputation of dependability and reliability, you can count on the Niton XL2 Plus for years to come.



- Verification of metals and alloys in manufacturing
- Quality Assurance testing for positive material identification
- Point-and-shoot sorting at scrap recycling operations
- Coating thickness measurements from single element layers
- Precious metal assay of bullion and jewelry
- Geochemical analysis for ore trading and grade control
- On-site heavy metal screening of polluted soils
- Lead in paint inspection of industrial facilities
- Screening of hazardous substances in consumer goods

Niton Apollo LIBS Analyser – Carbon

When carbon detection and mobility are top of mind, industrial businesses rely on the Thermo Scientific™ Niton™ Apollo™ handheld LIBS analyzer. Leveraging Laser Induced Breakdown Spectroscopy (LIBS), the Niton Apollo delivers superior performance and enhanced productivity. Part of the industry leading family of Niton products, the Niton Apollo offers unmatched speed, performance and portability. Unleash the possibilities and bring the power of lab analysis to the field.



Oil Condition Monitoring System

OQSx-G2 Real Time Oil Condition Analysis Sensor. Real-time continuous oil condition analysis with integrated intelligent equipment maintenance optimisation analytics. Detects and measures. Easy to install, the OQSx-G2 continually analyses oil in real-time whilst equipment is in operation and provides an accurate statement of oil condition. Any wear or contamination is instantly detected, measured to an accuracy of 0.001%, and reported. More info pls see catalogue.



Ground Water Level Meter

Rugged troll 100 and 200 data loggers are designed for long- and short-term groundwater and surface water monitoring. These non-vented (absolute) water level data loggers measure and record changes in water level, pressure, and temperature. Ensure accurate results by using a rugged barotroll® data logger. All loggers are compatible with the user-friendly visutu™ mobile app and win-situ® pc software.



Use in harsh environments. Solid titanium construction offers chemical- and corrosion-resistance and outlasts specially-coated data loggers.

Portable/Benchtop Turbidity Meter

Main Features

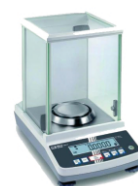
• 4.3 inch color LCD screen with friendly UI makes operations easy. • Big storage space and support USB storage and data transfer to USB drive. • There are three standard piecewise curves in the system. Customers can create up to 200 piecewise curves subject to different concentrations which will literally improve measurement precision. • Adopt ARM9 main control chip which makes operations easy and smooth, instrument respond quickly. • Adopt advanced power management system, can show the battery status in real time and be charged via USB port on PC or vehicle which is very convenient for customers.



- Adopt special and high precision light filter system to ensure the instrument's stability and measurement precision.
- Cold light source, narrowband interference, with long lifetime up to 100,000 hours.

Analytical / Moisture Balance

- We offer a comprehensive product lineup from analytical balances and top-loading balances to moisture analyzers and static removers (ionizers), along with a variety of accessories and software options to cover all your analytical workflows.
- The response time for trace measurements (from 1 mg) is reduced to about 2 seconds. This significantly improves weighing efficiency.



Conductivity DO / PH Meter

T-711L-Lab conductivity meter, measure the conductivity of common water solutions, especially widely used in the areas of education and scientific research.

T-711H-High precision conductivity meter. Suitable for high precision conductivity measurement in Scientific research, quality control, bio-technology, and fine chemistry industry.

T-711P-High purity water conductivity meter. Measure the conductivity of reverse osmosis water, distilled water and in high water purify in power plants, microelectronics & pharma.



Ambient Air Mercury Monitor

Mercury Analyzer is a portable multifunctional atomic absorption spectrometer with Zeeman background correction, which eliminates the effect of interfering impurities. It is the only high sensitivity and selectivity instrument that does not require gold amalgam pre-concentration and subsequent regeneration steps. This enables the user to conduct real time air monitoring and detection of mercury vapor. Being combined with pyrolysis or cold vapour attachments for liquid and solid sample testing, the instrument can determine mercury content in water, soil, food products, natural and stack gases, may be used for dental and toxicological applications, etc.



UV - Vis Spectrophotometer

Display: 7-inch touch screen Optical: UV/Vis
Single/Double beam Spectral bandwidth: 2nm Wavelength accuracy: ± 0.3 nm Photometric range: 0-200%T, -3~3A, 0-9999C Stray light: $\leq 0.03\%$ T@220nm, 360nm Baseline flatness: ± 0.003 A Working mode: T, A, C, E Light source: Tungsten Halogen/Deuterium lamps
Packing size & weight: 77*63*34CM, 27KG
Photometry, Quantitative test, Kinetics measurement, Wavelength scanning, Multi-wavelength test & DNA/Protein test. More info pls see catalogue.



pH/DO Meter

Precise measurements of pH/DO in fields of biotechnology, aquaculture, power plant and environmental protection, and also more widely used in areas of education and scientific research.

6.5 inch LCD screen which is intuitive and can show more parameters. Humanized design of operating interface makes operations simpler.

Measuring Range: (-2.00 ~ 18.00) pH

Resolution: 0.1/0.01 pH

Accuracy: ± 0.02 pH

more info pls see the catalogue.



ENVIRONMENTAL, HEALTH & SAFETY

Odour Monitoring Device

Odosense is an e-nose based odour monitoring system designed to monitor various odourful and toxic gases. Odosense continuously detects, measures, and monitors the odourful gaseous contaminants. Oizom Odour Monitoring Solution comprises a network of e-noses (OdosenseTM) positioned on the periphery of the site. One can also monitor meteorological parameters like wind speed, wind direction by using external modules. The weather modules enable us to trace the odorant dispersion plume and identify odour source.



Parameters:

Sulfur Dioxide (SO₂), Hydrogen sulfide (H₂S)
Ammonia (NH₃), Methyl Mercaptan (CH₃SH)
TVOC (Benzene, Toluene, Xylene), Formaldehyde (CH₂O), Nitrogen Dioxide (NO₂), Chlorine (CL₂)
Ambient Light and UV Radiation, Temperature and Humidity

Online Ambient Dust / Noise Monitor

Dustroid is a Continuous Air Particulate Monitoring system to measure the concentration of dust particulates in the ambient air. The dust monitor range is capable of monitoring various sizes of particulates ranging from 1 micron to 100 microns such as Ultrafine Suspended Particulate Matter – PM₁ (UFP), Respiratory Particulate Matter – PM_{2.5} (RSPM), Suspended Particulate Matter – PM₁₀ (SPM), and Total Suspended Particulates – PM₁₀₀ (TSP). By using external modules one can also monitor meteorological parameters like wind speed, wind direction to identify PM dispersion and impact of dust levels in a vicinity.



Portable Single / Multi Gas Detector

The MultiRAE/ MSA is the optimal one-to-six gas monitor for personal protection and leak detection applications. The MultiRAE Lite/ MSA / Rekin Keki is available in pumped and diffusion versions and features the broadest selection of sensor options in its class. The MultiRAE Lite / MSA / Rekin Keki can be configured to exactly meet the detection needs and compliance requirements of various countries, industries, and applications. All types of gas detectors like : LEL, SO₂, O₂, CO, NH₂, CO₂, etc.



Personal Noise Exposure Meter

With its two button operation, the dBadge2 couldn't be easier to use. After switching the dBadge2 on, apply the acoustic calibrator and press one button to perform calibration. Then hold both keys down to start a measurement.

- Lockable keys and display
- Automatic detection of acoustic calibrator
- Color coded display
- Easy to mount on employees' shoulder
- Octave band analysis for the selection of hearing protection.



Combustion / Flue Gas Analyser

As robust as cast iron, but as easy to operate as a smartphone – that's what Wohler's new flue gas analyzer feels like in your hand. Appropriately, the advantages are equally substantial: A tip with your finger on the Wohler A 550 is all that is required to perform analyses, inspections and settings on residential and commercial appliances. The flue gas analyzer is equipped with coded connections for the 4 Pa test and even »NEW AND UNIQUE« a wood moisture content measurement function to VDI Guideline 4206 (VDI = Association of German Engineers). More info plz see the catalogue.



Continuous Ambient Air Quality Monitor

Offers end-to-end and scalable solutions for real-time air quality monitoring and advanced data analytics.

Polludrone is a fully integrated air quality monitoring system that delivers reference equivalent performance. Polludrone is a comprehensive solution to monitor all the critical ambient environmental parameters related to air quality, noise, odor, weather, radiation. In addition, meteorological parameters like wind speed, wind direction, rainfall, flood levels, and visibility can be monitored using external modules for ground-level weather data. Polludrone is a highly accurate yet cost-effective solution – measuring criteria pollutants to WHO air quality limits yet costing 10x less than a traditional station based on analyzer technology.

Air Quality Data Overview, Micro-analysis Dashboard, Historical Data Analytics, Air Quality Reports, Smart Alerts, Historical Data-set Download

Parameters: PM_{2.5}, PM₁₀, CO₂, CO, SO₂, NO, NO₂, O₃, Noise, Light, UV-Radiation, Temperature, Humidity.



Automatic Weather Station

Weathercom is an Automatic Weather Station (AWS). It measures meteorological parameters such as wind speed & direction, rainfall, visibility, UV-radiation, light intensity, temperature, humidity, pressure, etc. Through Weathercom, monitoring of hyper-local meteorological parameters can be possible in real-time, which can help to make on-time decisions in case of any natural hazard. Weather forecasting and predictions are also possible through historical data and trend analysis, which can aid in timely warning/alert broadcasting. Easy installation of our automatic weather station along with our plug-and-play feature, and the solar panel makes it independent of any power source. It can withstand extreme weather conditions from tropical heat to arctic cold as well as extreme wind and rains. These features make Weathercom an ideal choice for comprehensive meteorological monitoring.



Personal Dust Sampler

Product Features :

- Comprehensive range of models
- Robust and reliable design for harsh environments
- Rubber over-moulded sealed case
- Digital flow control
- Convenient drop in charging / storage system
- Intelligent battery management and diagnostics
- Visible replaceable inlet filter
- Simple user interface
- High intensity status / alarm LED's
- IEC Ex, ATEX & ANZEx listed intrinsically safe
- Intrinsically safe models available for mining applications (M1 certified)



Real Time Particulate Monitor

The Microdust Pro is a rugged, hand-held, data logging instrument for the real-time detection of airborne dusts, fumes and aerosols.

Applications

- Risk assessments for dusts and aerosols
- Monitoring dust levels within the workplace
- Industrial process monitoring
- Testing air filtration efficiency
- Environmental dust assessments
- Boundary monitoring for construction and demolition

Measuring range: 0.001mg/m³ - 250,000 mg/m³

Resolution: 0.001mg/m³



PHARMA • FOOD • BIOTECH • LIFE SCIENCES

Microbial Air Sampler

Bioaerosol samplers are vital equipment for use in bioaerosol research, clean rooms, pharmaceutical validation and throughout hospitals wherever air hygiene is paramount. The MicroBio MB1 Bioaerosol Sampler has a host of features making it ideal for use in such applications. It has been fully validated and thousands of units are in use worldwide.



- Uses 55 mm plates or 90 mm Petri dishes.
- Each sample from 10L to 2000L.
- Bright LED display.
- Air flow 100 L/min, $\pm 5\%$.
- Particle d50 of 1.7 μm for 220 hole head (supplied as standard) or 1.35 μm for 400 hole head.
- Particle velocities of 10m/s (within the limits of ISO14698) to allow maximum viability of captured organisms.
- Can sample over 60000 Litres on a single charge. Use supplied NiMH cells or any quality Alkaline AA cells for maximum versatility, charging from 230V mains and car 12V socket.

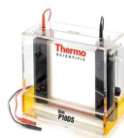
Online Total Organic Carbon (TOC) Analyser

The continuous online TOC-Analyser HT-110 is suitable for the measurement of total organic carbons in Purified Water (PW), Water For Injection (WFI) and Highly Purified Water (HPW). The unit is operating according to USP 643. It is applicable for pharmaceutical and/or semiconductor manufacturing. The measuring principle is based on UV-Oxidation and measurement of the difference in conductivity. TOC concentration measurement (TOC concentration 500 ppbC or lower) is necessary to perform quality control according to GMP (Good Manufacturing Practice).



Gel Electrophoresis Systems

- Perfect size to determine molecular weight ranges of PCR fragments or larger sized DNA molecules
- All in one design allows the option of casting and running a gel in the buffer chamber, eliminating the need for additional equipment. Two comb slots on gel tray double sample capacity by doubling number of sample wells
- UVT gel trays are silk screened with a fluorescent ruler for easy measurement of bands
- Feature leakproof casting that allows a gel to be cast and run in the same chamber with no tape or additional parts required
- Run from 5 to 24 samples in 15 minutes



Biological Research Microscope

- Anti-Fungus Achromatic Objectives iNEA4x, 10x, 40x (spring) & 100x (oil, spring)
- in-built 6V 20W halogen light illuminator
- Optics with multi layer coating
- Main operating controls within easy reach
- Easily interchangeable objectives
- Light Source Type : Halogen



Gravimetric Dilutor

The Smart Dilutor W is the solution for labs seeking full processing capacity and traceability in gravimetric dilutions or liquid dispensing. This device ensures precision, rapidity, sample handling sterility, and detailed tracking of procedures. Its precise weight cell and powerful peristaltic pumps optimize gravimetric dilutions and liquid dispensing to food, pharmaceutical and cosmetic quality control labs



Freeze Dryer

Manifold Freeze Dryer LZ-MFD-A110 is a compact table-top unit with 3 kg condenser capacity and condenser temperature options of - 80 °C for specimen's containing solvents. It allows larger glassware like flasks to be dried independent of the shelving units. Flasks can be added and removed independently without disturbing the surrounding flask's. Bulk Capacity 1.8 L, Shelves 4-6, Shelves Dimension Φ 200 mm.



MAP O2/CO2 Gas Analyser

Cordless hand held oxygen or combined oxygen and carbon dioxide analyser for checking modified atmospheres in food packs. The ideal instrument for portable, faster and accurate sample tests at the packaging machine, in stores or in laboratories. OXYBABY® M+ a cost effective mobile alternative to tabletop / fixed analysers. Ensure that the quality of packaged product is maintained (HACCP), guaranteeing continued customer satisfaction.



Water Activity Meter

Advantages

- Direct measurement of the aw value
- Unique resistive-electrolytic sensor technology with no memory (hysteresis) effect
- Infrequent cleaning needed
- Re-usable SAL-T standards for economy
- Measurement ends when sample reaches equilibrium, Robust and stable housing

Applications

- Final control of products or process monitoring in:
- Food Industry
- Pharma
- Cosmetics
- Pet Food



Cleaning Validation / Texwipe Swabs

- Texwipe's cleaning validation cleanroom swabs are used to determine the effectiveness of cleaning protocols as specified by the US FDA. HPLC/ UV-Vis Total Organic Carbon (TOC) analysis are different methods used to validate these cleaning processes.
- Texwipe offers the following cleaning validation swabs:
- Alpha® Polyester Knit Series - TX714K, TX761K - suitable for use in TOC analysis
- Alpha® Polyester Knit Series - TX715 - suitable for HPLC analysis using a UV detector analytical method
- Absorbond® Polyester Non-Woven Large Swab - TX716 - suitable for HPLC analysis
- Alpha® Polyester Knit Series swabs are NSF certified and acceptable for use as a Cleaning Swab (P1) in and around food processing areas. The product must only be used in such a manner as to ensure it will not have direct contact with food or potable water. Use must also be consistent with



Refractometer

Portable Refractometer LZ-PRM-A100 is a versatile pocket sized optical instrument that provides instant measurement readings. Digital meter displays easy to read results. Automatic power off post one minute of last operation prolongs it's battery life. Ideal for measuring wort (brewing) or ferment for brandy. Brix Range 0.0 ~ 50.0 %, Wort 1.000 ~ 1.130, Resolution 0.001, Temperature 0 °C ~ 50 °C, Weight 90 grams. Used in chemical industry, laboratories, research institutes, food and beverage industry, liquor, industry, etc.



Automatic / Manual Colony Counter

The SphereFlash® is an Automatic/Manual Colony Counter that meets all the requirements for modern microbiology laboratories.

With its Colony Lite software version, it performs colony counting in a simple and reliable way thanks to its world-class software and its patented built-in lighting system. World-Class Software: Easy & intuitive yet powerful software. Even the LITE version will detect a wide range of colony types with minimal or no user parametrization. More info plz see our catalogue.

