



SOLUTIONS FOR ANALYTICAL, ENVIRONMENTAL, AND PROCESS TESTING IN MINING



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CHEMICAL SAFETY

Solutions designed to safely store hazardous chemicals and flammable substances in laboratory and industrial environments. These systems help prevent accidents, ensure compliance with regulatory standards, and protect personnel and property.

CHEMICAL AND LITHIUM-ION BATTERY STORAGE

ACID AND ALKALI STORAGE CABINETS

Designed for the safe storage of corrosive substances used in laboratory analysis, mineral processing, and cleaning applications.

- Corrosion-resistant inner lining and fittings
- Non-metallic hinges and seals
- Under-bench or tall cabinet formats
- Separate compartments for incompatible acids and alkalis



FLAMMABLE STORAGE CABINETS (TYPE 90 – EN 14470-1 CERTIFIED)

Provides 90-minute fire protection for the safe storage of flammable liquids in laboratories, processing plants, and maintenance environments.

Storage of fuels, solvents, degreasers, and other flammable liquids commonly used in mining maintenance workshops or processing labs.

- 90-minute fire resistance (EN 14470-1)
- Automatic door closure in fire
- Ventilation-ready design
- Integrated spill containment trays
- Durable, chemical-resistant construction

COMBINATION CHEMICAL STORAGE CABINETS

Engineered for the simultaneous safe storage of flammable and aggressive chemicals in separate, fire-resistant compartments. Mines can safely store flammables, acids, bases, corrosives, and toxic chemicals.

- 90-minute fire resistance (EN 14470-1)
- Integrated, corrosion-resistant, metal-free ventilation ducts suitable for exhaust connection (e.g., DN 75)
- Lockable doors with cylinder lock and status indicator to prevent unauthorised use
- Door-open arrest system for ease of access
- Compatible with fume hoods, with optional castors available for mobility



LITHIUM-ION BATTERY STORAGE CABINETS

Provides safe storage and charging of lithium-ion batteries used in battery-powered mining equipment, tools, and vehicles.

- 90-minute fire protection (EN 14470-1 and EN 14470-2)
- Integrated fire suppression system
- Thermal monitoring and alarms
- Active ventilation and smoke detection
- Lockable, ventilated charging compartments

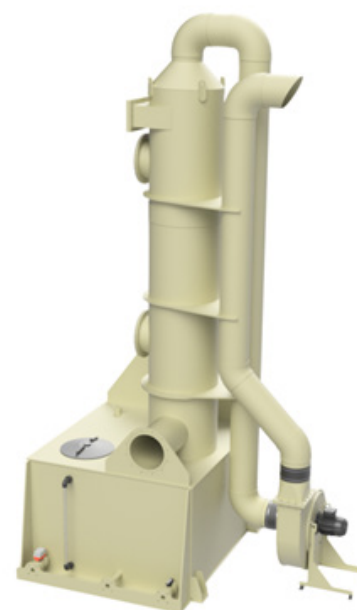
FUME HOODS AND SCRUBBERS

Systems designed to control exposure to hazardous fumes, vapours, and airborne particulates during sample preparation, digestion, and wet chemistry processes. By capturing contaminants at the source and removing them through high-efficiency filtration or wet scrubbing technology, these solutions support safe, compliant laboratory workflows.

ACID FUME SCRUBBERS

The ENVIRO range is built for the safe removal and neutralisation of acid fumes extracted from laboratory fume cupboards, supporting clean air standards.

- Available for single or multiple fume cupboard extraction
- Polypropylene construction for excellent resistance to corrosive chemicals
- Removes 98% + of acid contaminants
- Automated smart dosing for consistent neutralisation
- Suitable for all commonly used laboratory acids, helping prevent harmful emissions within and around the lab



FUME HOODS

Designed for routine chemical handling and sample preparation, the THRU-FLOW LITE range delivers dependable containment and airflow control for demanding mining laboratory environments.

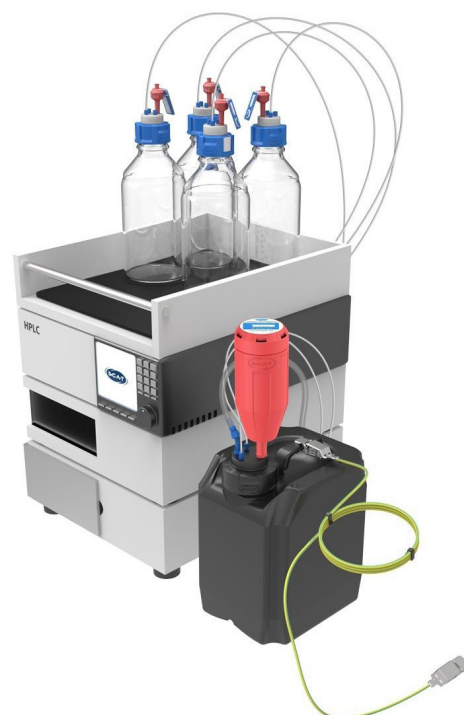
- Constructed from DiBt-approved, chemical-resistant polypropylene
- Lightweight design suited to high-use laboratory settings
- Manually operated cast polycarbonate or tempered glass sash
- High-performance two-part baffle plate for consistent airflow
- Built-in airflow monitor for user confidence
- Manually adjustable outlet damper
- IP68 bright white LED lighting
- Two IP66 240 VAC single-phase plug sockets
- Integrated control panel
- Durable phenolic resin work surface



HPLC SAFETY SYSTEMS

Engineered to support safe solvent handling and maintain reagent integrity, HPLC Safety Systems provide effective vapour control and secure solvent management for liquid chromatography applications.

- Integrated air valve for safe pressure equalisation and solvent vapour containment
- Built-in filtration prevents dust and airborne contamination of eluents
- Secure tubing and capillary fixation to prevent slipping and air inclusions
- Freely rotating screw cap enables quick, clean bottle changes without hose tangling
- Audit-compliant design supporting quality, safety and inspection requirements



CONSUMABLES

FILTRATION

QUALITATIVE FILTER PAPER

Made with low ash content and high α -cellulose fibers, these papers deliver purity and consistency for routine analytical work. They are recommended for methods that identify particulate matter, regardless of concentration.

SUITABLE FOR THE FOLLOWING:

- Filtration of ore digests during elemental analysis
- Separation of precipitates in hydrometallurgical testing
- Clarification of process water and effluent samples
- Preparation of solids for soil and tailings analysis



QUANTITATIVE FILTER PAPER

Delivers exceptional purity, uniformity, and reliability for quantitative analysis in mining laboratories.



- Precision for quantitative analysis
- High wet-strength for handling demanding samples
- Extremely low ash content (0.01 %)
- Consistent filter-to-filter performance
- Suitable for gravimetric residue analysis in ore and mineral testing
- Reliable for sample preparation in ICP, AAS, and other instrumental methods
- Tough, smooth surface ideal for Büchner filtration and easy recovery of mineral precipitates

GLASS FIBRE FILTER PAPER

Fine particle retention, high flow rates, and exceptional thermal and chemical resistance for environmental monitoring and process control in mining and laboratory operations.

- Binder-free, ultra-pure glass or quartz construction
- Fine particle retention (0.7–2.7 µm grades available)
- High flow rate with excellent loading capacity
- Chemical resistance and heat stability (glass up to 500 °C, quartz up to 900 °C)
- Brilliant white finish (>96 % light reflectance) for clear analysis



SUITABLE FOR THE FOLLOWING:

- Determination of suspended solids in mine water, process water and effluents
- Air quality monitoring
- High-temperature emissions testing in metallurgical operations
- Soil and sediment testing for environmental impact assessments
- Sample preparation for ICP, AAS, and gravimetric residue analysis

THIMBLES

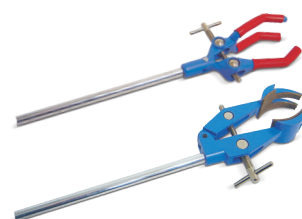
Reliable containment of solid and semi-solid samples during Soxhlet extraction, ensuring safe handling of toxic and aggressive solvents.



SUITABLE FOR THE FOLLOWING:

- Extraction of organic residues from ores, concentrates, or tailings
- Recovery and analysis of oils, and hydrocarbons from geological samples
- Sample preparation for environmental monitoring of soils and mine waste
- Quality control in process analysis where solvent-based extraction is required

GENERAL LABWARE



BENCH PROTECTION

Two layer surface protection:

- Highly absorbent cellulose
- Impermeable polyethylene

BRUSHES

- Bottle - nylon or fibre
- Burette - nylon or bristle
- Flask - bristle

CLAMPS

- Burette - double or single
- Retort - 2, 3 or 4 prong
- Retort rings with bossheads
- Various sizes available



CRUCIBLES

- Silica, Soda-lime or Borosilicate
- Low or tall form
- Glazed options available
- Lids available

DIGITAL TIMERS

- Up / down
- Jumbo
- 3 or 4 channel

GLOVES

- Latex and nitrile available
- High quality and durable
- Various sizes available



SPATULAS

- Wooden or stainless steel
- Chattaway
- Micro
- Spoon type



WEIGHING BOATS

- Available sizes: 7 ml, 30 ml and 100 ml
- Square or diamond shaped
- Made from polypropylene



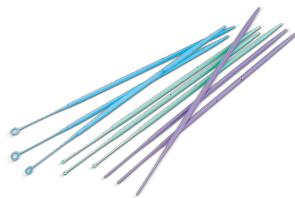
SAFETY GLASSES

- A range of safety glasses is available



MAGNETIC STIRRER BARS

- Guaranteed inert and leak-free
- Isostatically molded in pure, FDA approved, PTFE
- Individually polished to stay cleaner for longer
- Retriever also available



INOCULATING LOOPS

- Sterile
- 1 µl or 10 µl
- Plastic
- Flexible



LAB COATS AND CHEMICAL SAFETY COATS

- Reusable or disposable
- Various sizes available



PAPER WIPES AND STAND

- 1 or 2 ply
- White
- Various sizes available
- Roll form
- Metal Stand



EYEWASH STATION

- Eye wash bottle made of polyethylene
- Head has an airvent valve to ensure air refill of free space in bottle preventing draw back of contaminated wash into bottle
- A perforated spray plate in the cup centre breaks up the stream to give the eye a gentle wash



GLASSWARE



BEAKERS

- Class A borosilicate 3:3 glass
- Low or tall form
- Spouted
- Graduated
- Various sizes available



MEASURING CYLINDERS

- Spouted or stoppered
- Graduated
- Hexagonal or round base
- Batch or Individual Certification available
- Various sizes available



MEDIA BOTTLES

- Class A borosilicate 3:3 glass
- Graduated
- Amber or clear
- Autoclavable
- Round or square
- Blue polypropylene GL 45 screw cap and pouring ring
- Various sizes available



MORTARS AND PESTLES

- Porcelain or Class A borosilicate 3:3 glass
- Porcelain – completely glazed, or glazed on outside only
- Various sizes available

FUNNELS

Class A borosilicate 3:3 glass



SEPARATING

- Glass, teflon (PTFE) or Rotaflor® stopcock options
- Pear or conical shapes available
- With polypropylene stopper
- Various sizes available



BUCHNER

- Porcelain options available
- Glass - with sintered disc
- Various porosities available
- Various sizes available



FILTER

- With long or short stem
- Various sizes available

FLASKS

Class A borosilicate 3:3 glass



ERLENMEYER

- Wide or narrow neck
- Plain, ground neck or screw cap
- Various sizes available



VOLUMETRIC

- Amber or clear
- Plastic or glass stopper
- Batch or Individual
- Certification available
- Various sizes available

SAFETY COATED GLASSWARE

Designed for safer laboratory environments, this safety-coated glassware combines durability and performance. The clear protective coating helps contain spills, reduce breakage, and safeguard both personnel and samples.



Helps contain broken glass & spillage



Temperature stability



UV protection up to approx. 380 nm



Helps maintain the electrostatic charge



Autoclavable at 121 °C

PLASTICWARE



BEAKERS

- Polypropylene with blue printed graduations
- Volumes ranging from 25 – 5000 ml
- ISO 7056 certified
- Chemically resistant to acids, bases, and common solvents
- Durable and lightweight for safe field use



CUVETTES

- Optical-grade, clear polystyrene
- Chemically resistant to acids, bases, and solvents
- Standard volumes and path lengths, spectrophotometer-compatible



SAMPLE BOTTLES

- Wide neck or narrow neck
- Round or square
- With or without gasket
- Polyethylene (HDPE / LDPE) or polypropylene
- Various sizes available



DROPPER BOTTLES

- Various sizes available
- High density polyethylene



WASH BOTTLES

- Polyethylene
- Graduated
- Labelled bottles available
- Various sizes from 100 – 1000 ml available



STORAGE BOTTLES

- High density polyethylene
- Various sizes available
- Wide neck
- With handle



CONTAINERS

JARS (Available in HDPE or Polystyrene)

- Round
- Clear
- With screw cap



SCREW-CAP CONTAINERS

- Polypropylene, durable and chemically resistant
- 25 - 180 ml volume range
- Leak-proof screw-cap design
- Withstands acids, bases, solvents, autoclaving and freezing without damage

TRAYS

- Polypropylene
- Dimensions:
500 mm x 350 mm
x 120 mm
- Volume: 15 l



FILTER FUNNELS

- Made of polypropylene or high-density polyethylene
- Available with long or short stems
- Various sizes to suit different applications



MEASURING CYLINDERS

- Polypropylene material
- Tall form with easy-to-read textured graduations
- Volumes ranging from 10 – 2000 ml
- Compliant with DIN 12681 / ISO 6706



PETRI DISHES

- Full and half plate available
- Suitable for microbiological processes and analysis
- Vented or standard



METAL-FREE CONSUMABLES

- Manufactured from virgin, 100 % medical-grade, CFR21-compliant resins with ultra-low trace metals
- Certified heavy metal content of <1 ppb, ensuring maximum sample purity
- ICP-MS certified manufacturing process guarantees low background metals and elements for sensitive applications

AVAILABLE IN VARIOUS FORMATS:

- **Pipette tips** (10 µl, 200 µl, 1250 µl) compatible with popular pipettes
- **Centrifuge tubes** (1.5 ml, 15 ml, and 50 ml) with conical bottoms
- **Sample tubes** (5 ml and 10 ml) with screw caps, free-standing



INSTRUMENTATION

BALANCES AND SCALES

Our range includes precision analytical balances, rugged platform scales, moisture analysers, and ATEX-certified models for hazardous areas, ensuring reliable performance and traceable measurement in demanding conditions.

ATEX-CERTIFIED SCALES

Engineered for safe and reliable operation in explosive atmospheres common to mining and processing environments. Certified for Zones 1, 2 (gas) and 21, 22 (dust).

- Stainless steel construction with IP66/IP68 protection to resist impact, dust, and chemical exposure
- Models range from precision balances (0.1 g readability) to platform scales with capacities up to 6 000 kg
- Intrinsically safe RS232 and RS485 interfaces for direct integration with control systems
- Optional IM01.EX module (installed in a safe zone) enables Ethernet, USB, analogue outputs (4–20 mA / 0–10 V), and Profibus DP connectivity



ULTRA MICRO BALANCE

Designed for laboratories requiring exceptional precision in trace-level measurements. Achieves accuracy down to 0.1 µg while maintaining stability, repeatability, and regulatory compliance.

- Automatic levelling and internal self-calibration for consistent performance
- Integrated environmental monitoring to maintain weighing integrity
- 10-inch colour touchscreen for clear, intuitive operation
- Built-in camera plus biometric and voice access for secure, auditable use
- USB, Ethernet, Wi-Fi, and hotspot connectivity for seamless integration with LIMS and laboratory networks

ULTRA MICRO BALANCE FOR FILTER WEIGHING (ENVIRONMENTAL MONITORING)

Created specifically for gravimetric filter analysis, this ultramicrobalance addresses challenges such as static charge, ambient fluctuation, and particulate interference. With weighing repeatability down to 0.35 µg, it supports accurate, traceable results for high-precision applications.

- Purpose-built for particulate filter weighing workflows
- Constructed with chemical-resistant, scratch-tough stainless steel components
- Hermetically sealed chamber to maintain stable weighing conditions
- Optimised for use in clean-room environments requiring consistent repeatability
- Connects easily to laboratory data systems for streamlined documentation



BOTTLE-TOP DISPENSERS AND DIGITAL BURETTES

Provides precise, reliable liquid dispensing for accurate dosing in mining laboratories, environmental analysis, and process control.

BOTTLE-TOP DISPENSERS (DISPENSEMAN™)

Deliver convenient, safe, and precise solution dispensing for laboratory and industrial applications.



- Accurate and reproducible with precise volume setting and built-in recalibration for consistent results
- Safe and clean with a three-position anti-drip nozzle and recycle/recirculation function to prevent spills, air bubbles, and contamination
- Easy to use with quick, one-hand volume adjustment without opening bottles, reducing exposure risks
- Flexible with universal chemical compatibility, multiple bottle adaptors, and fully autoclavable at 121 °C
- Range of five models covering 50 ml - 250 ml

METALS DIGESTION SYSTEMS

Complete EPA-compliant metals digestion equipment and consumables to simplify metals preparation and digestions.

HOTBLOCK® DIGESTION EQUIPMENT

- PTFE-coated graphite with Kydex® housing maintains equipment integrity in corrosive environments
- Polycarbonate transfer racks allow for stability and easy removal of tubes during volume checks / adjustments
- Designed to work directly with HotBlock digestion cups in 15-, 50-, or 100 ml configurations for optimal heat transfer
- Various HotBlock® systems are available for temperatures reaching up to 450 °C



HOTBLOCK® DIGESTION TUBES AND ACCESSORIES



- Polypropylene (PP), perfluoroalkoxy (PFA) and glass digestion tubes are made to fit perfectly into each HotBlock® and certified metal-free
- Polypropylene (PP) reflux caps and watch glasses are designed to cover tubes while allowing for the addition of reagents during heating
- FilterMate™ systems allow streamlined sample filtration directly in the digestion vessel

DIGITAL BURETTE (DTRITE)

Supports precise, low-fatigue titrations with a motor-driven bottle-top system and integrated stirring platform, ideal for routine assays in metallurgical laboratories.

- Electronic drive and remote control minimises manual effort and reduces parallax errors, supporting consistent results across operators and shifts
- Built-in magnetic stirrer allows stable endpoint control without needing a separate stirring device
- Large, easy-to-read LCD display for clear viewing of titration parameters during routine use



BUNSEN BURNERS

- Available in basic, digital, and portable formats
- Compatible with LP, LPG, and natural gas supply
- Electric burner options available (with or without controller)
- Range of accessories available to support specific workflows
- Intelligent safety system with continuous hazard monitoring
- Automatic gas shut-off for immediate risk control
- Built-in ignition, flame, and overheating protection
- Smart burner monitoring detects blockages and incorrect assembly
- Residual heat warning helps prevent user burns



CENTRIFUGES

- Configurable with a wide selection of rotors
- Suitable for tubes and bottles from 0.2 ml – 100 ml
- Fast processing for efficient throughput
- Automatic rotor recognition with overspeed protection
- Real-time imbalance detection and safety shutdown
- Simple operation via LCD interface and control knob
- Stores up to 99 user programs for quick method recall



CHILLERS

Reliable temperature control for laboratory and industrial processes, ensuring consistent cooling across mining, metallurgical, and environmental applications.

LABORATORY / ANALYTICAL-SCALE CHILLERS

Precise, dependable cooling for analytical instruments, sample preparation, and safety systems.

- Set temperature -25 °C – +40 °C
- Available in various model sizes that offers cooling output from 0.25 kW - 1.2 kW
- Simple LED interface



INDUSTRIAL-SCALE CHILLERS

Maintain optimal temperatures for equipment and processes, supporting longevity and efficiency in mining operations.

- Consistent cooling for laser systems used in cutting or sorting applications
- Temperature regulation for hydraulic systems to prevent overheating
- Cooling support for induction heating in material processing
- Robust design for continuous industrial operation



CONDUCTIVITY METERS

- Available in portable and benchtop formats with full GLP compliance
- Measurement range up to 1000 mS
- Up to 4-point calibration with automatic buffer recognition
- TDS, salinity, and resistivity measurement modes included
- Advanced models feature an integrated magnetic stirrer to support stable, accurate readings

GLASSWARE WASHERS

- Compact and robust stainless steel design
- Digital touch-screen display
- Micro-processor controlled wash cycles
- A variety of sizes, models and accessories available to suit any laboratory's needs



GRINDERS AND MILLS

- Integrated variable speed control (50 – 25 000 rpm) with LED display for speed indication and status messages
- Integrated heating, overload and blockage protection
- Compact, portable design allowing for fast, safe and reliable results
- Hardened stainless steel grinding attachments for crushing soft, hard or fibrous / brittle material and dry or wet samples
- Sieves in different mesh sizes from 0.2 mm – 6 mm
- A variety of sizes, models and accessories available to suit any laboratory's needs

INCUBATORS

- Natural convection or forced air circulation (fan speed of forced air models adjustable from 0 to 100 %)
- Temperature range: Ambient +5 up to 80 °C
- Cooled incubator options also available for operation at temperatures lower than ambient
- SingleDisplay and TwinDisplay models available
- TwinDisplay models include a sterilisation program for the chamber (not the load)
- Internal glass door for clear sample observation
- Various capacities available, from 32 ℓ to 749 ℓ



LAMINAR FLOW CABINETS

Clean, controlled airflow for safe and contamination-free laboratory operations, meeting ISO 14644.1 Class 5 standards.

- Airflow system with H13 HEPA filters (99.99 % efficiency at 0.3 µm); ULPA filters also available
- Built-in lighting designed to prevent eye strain
- Main Body: Cold-rolled steel with anti-bacteria powder coating
- Work Table: 304 stainless steel
- Side and Front Windows: 5mm toughened glass anti-UV
- Available in multiple sizes (0.9 m, 1.2 m, 1.8 m), vertical and horizontal models
- Wide range of accessories to suit diverse laboratory requirements

POLARIZING MICROSCOPE + ALL-IN-ONE DIGITAL CAMERA

Delivers high-resolution imaging and optical clarity for geological, mineral, and materials analysis in research and industrial laboratories.

- Infinity optical system with excellent colour and contrast
- Wide-field eyepiece WF10X / 22 mm with reticle
- Stain-free infinity plan objectives (4x, 10x, 20x, 40x)
- Total magnification range: 40x, 100x, 200x, 400x
- 5 W LED transmitted illumination

Integrated digital imaging system:

- All-in-one 13.3-inch 1080p LCD display with 8.3 MP camera
- Sony STARVIS 2 back-illuminated high-sensitivity CMOS sensor
- 4K hardware resolution with 30 FPS frame rate
- Supports HDMI 2.0 and USB 2.0 connectivity



METALLURGICAL MICROSCOPE + DIGITAL CAMERA

Provides high-quality imaging for the analysis of metals, alloys, and other opaque or transparent materials in metallurgical and mining laboratories.

- Infinity colour-corrected optical system
- High eyepoint wide-field plan eyepiece (PL10X / 22 mm)
- Infinity long working distance plan achromatic metallurgical objectives (5x, 10x, 20x, 50x)
- Total magnification range: 50x, 100x, 200x, 500x
- 5 W LED transmitted illumination



VORTEX MIXERS

- Variable speed from 0 – 4500 rpm
- Touch, continuous, or programmable timer operation modes
- Available in analogue and digital models
- Powerful motor for instant vortexing
- Compatible with cold rooms and incubators
- Spill-proof electronic controls for safe operation
- Various attachments available to suit laboratory requirements

OVENS

- Natural convection or forced aircirculation (fan speed of forced air models adjustable from 0 to 100 %)
- Temperature range: Ambient +10 up to 300 °C
- SingleDisplay and TwinDisplay models available
- Various capacities available, from 32 l to 1060 l



pH METERS

- Available in portable and benchtop versions with GLP features
- Measuring range from -2 to 20 pH
- Up to 5-point calibration with automatic buffer recognition
- Advanced models include an integrated magnetic stirrer for improved measurement accuracy
- Compatible with a wide range of specialised electrodes for diverse applications



REFRIGERATORS

- Clearly visible 2-8 °C temperature display
- Acoustic and visual alarms incl. temperature and door
- Solid or glass doors
- Low temperature deviation
- Various spark-free ATEX models available for hazardous environments

ORBITAL SHAKERS

- Various speed ranges available, depending on the client's needs
- Cradle system to secure flasks is available for selected models
- Various sizes of orbital shakers available with or without incubation control
- Able to accommodate various flask sizes



SIEVE SHAKERS

- Ideal for high throughput granulometric testing
- Digital control of amplitude, time and motion
- Supports 3D movement with continuous and discontinuous shaking
- Configurable speed and rotation (left / right)
- Compatible with dry and wet sieves
- Accommodates 8 – 15 sieves in a single run
- Produces accurate and reproducible results
- Low maintenance
- 2-year warranty



SIEVES

- Made from wire mesh
- Available in diameters of 100 Ø, 200 Ø, 400 Ø and 450 Ø
- Mesh sizes ranging from 20 µm to 125 mm
- Durable stainless-steel frame to ensure resistance to corrosion and distortion
- Ideal for aggregates, minerals and bulk materials processing
- Pore size certification and calibrated reference sands available
- Available for dry and wet sieving applications
- Pans and covers available for a full configuration

SPECTROPHOTOMETERS

- 198 to 1000 nm wavelength range
- 5 nm spectral bandwidth
- Measurement modes for absorbance:
 1. % transmittance, concentration
 2. spectrum scanning
 3. kinetics and quantitation
- Results and method saving to USB memory stick



ULTRASONIC BATHS

- A variety of sizes available (1.9 – 20.8 ℓ)
- With mechanical or digital timer (degassing options)
- With or without heater
- Deep-cleaning activity removes stubborn contaminants from almost any surface
- A variety of accessories available: wire mesh basket, solid stainless steel tray, perforated tray, support racks, beaker covers



DIAPHRAGM VACUUM PUMPS

- Convenient, quick and simple to use due to the new top-mounted power switch
- Whisper quiet and very low vibration
- High flow-rate even approaching ultimate vacuum
- Requires minimal bench space
- Maintenance-free drive system and proven long diaphragm life
- Options available for corrosive and non-corrosive gases and vapours
- Ideal for clean processes and various applications in the pressure range down to 10^{-3} mbar
- NRTL certified and ATEX conformity models available
- VACUU-PURE screw pump models available, boasting zero wear and tear features.
- A variety of accessories are available to enhance vacuum pump capabilities to meet application requirements.



WATERBATHS

Temperature-controlled environments for sample incubation and heating in laboratory applications.

- Temperature range: 5 °C above ambient to 100 °C
- Touchscreen
- Easy to clean with smooth edges and drainage tap
- Optional shaking device

WATER PURIFICATION SYSTEMS

Provide high-quality Type II water for general laboratory tasks and analytical applications, supporting accurate, contamination-free results in mineral assays and water quality testing.

- Space-saving footprint with integrated 35 l reservoir
- Intuitive, icon-based, interactive user interface with touch screen
- Water Quality: up to 15 MΩ·cm
- 20 l/hour produced with up to 160 l/day
- Suitable for low water pressure with an integrated boost pump
- Additional 3-stage pre-filter system available



WATER STILLS

Produce high-quality distilled water for routine laboratory tasks, supporting rinsing, buffer and reagent preparation, media production, and clean fill water for autoclaves.

- Automated system with integral tanks
- No annual consumables required
- Optional wall mounting for space saving



WATER TESTING SOLUTIONS

Our range of instruments and reagents allows for accurate support of essential water testing requirements within mining operations to ensure regulatory compliance, environmental protection and process efficiency.

- Photometers and spectrophotometers with preprogrammed test methods, supported by reagents for key parameters such as COD and chlorine
- Turbidity meters compliant with ISO and EPA standards, measuring up to 4000 NTU
- Specialised equipment for flocculation, Biological Oxygen Demand (BOD), Dissolved Oxygen (DO), and colour determination



LABORATORY FURNITURE

CONCEPTUAL DESIGN

Our furniture design experts tailor laboratory furniture solutions to suit your project requirements, with a focus on functionality, workflow, and flexibility.

- Workflow optimisation
- Guidance on instrumentation placement
- 3D laboratory layout renders
- Various worksurface, frame, and cupboard colour options
- Specialised laboratory taps, gas, and waste fittings
- Additional safety features and accessories

DELIVERY AND INSTALLATION

Our dedicated logistics team ensures efficient delivery to your premises, followed by installation overseen by a Lasec® project manager and experienced furniture installation specialists.

FRAME STYLE SYSTEMS

Choose from three cabinetry ranges: Crick, Brunel, and Dalton.

- Soft-close 110° hinges
- Full-extension, soft-close drawer runners



LABORATORY INFORMATION MANAGEMENT SYSTEMS (LIMS)

Improve Efficiency. Minimise Risk. Reduce Costs.

Unlock smarter laboratory operations with LabVantage LIMS, ELN, and LES solutions designed to streamline laboratory operations through enhanced visibility, automation, and control.

- Batch and sample management
- Automated testing workflows and CoA generation
- Real-time sample monitoring and hotspot alerts
- Statistical Process Control (SPC) insights and trend analysis
- Centralised Safety Data Sheets (SDS) management
- Instrument usage, maintenance, and calibration tracking
- Reporting dashboards with visual data insights
- Seamless instrument integration and automated data capture





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