

Trusted Solutions for Pharma

Supporting Innovation with Advanced
Equipment & Expert Technical Services



Research & Development

Driving pharmaceutical innovation with precise tools for drug discovery. Our expert technical team supports installation, training, and optimisation to enhance R&D efficiency.

Spectrophotometer UV-Vis (Shimadzu): Versatile analysis for USP/EP/JP compliance, with options for automation and temperature control.

Pipettes and Biobased Tubes (Eppendorf): Sustainable, high-precision liquid handling solutions for R&D.

Shakers (Eppendorf): Reliable incubation and sample preparation for diverse research applications.

Hypoxic Workstations (Don Whitley Scientific): Enable precise control of oxygen levels for cell-based studies.

Plate Readers, Washers, and Imagers (Agilent): High-throughput screening, washing, and imaging solutions.

Chillers (Huber): Deliver consistent temperature control for laboratory R&D applications.

Rotary Evaporators (Buchi): Scalable solvent recovery, from small-scale R&D to industrial applications.

Pressure Reactors (Buchiglas): For use in drug development

Lab Refrigerators and Freezers (Eppendorf & Liebherr): Reliable storage of temperature-sensitive materials across production workflows.

Process Development

Optimising scale-up with GMP-compliant solutions for consistent processes. Our technical team ensures seamless implementation and efficiency during transition.

Chromatography Systems (Buchi): Flash and prep chromatography solutions for complex separations in synthesis workflows.

Climatic Chambers (Mettler): Reliable stability testing under stringent environmental controls.

Single-Use Sensors (Presens): Offer precise bioreactor monitoring, ideal for scale-up and validation processes.

Chillers (Huber): Maintain precise temperature control for bioreactors, CIP/SIP systems, and bioprocess applications.

Water Purification Systems (Avidity Science): Produce consistent ultrapure water for sensitive processes.

Pressure and Glass Reactors, Filter Reactors, and Mixing Vessels (Buchiglas): Reactor systems in pilot plants and kilo labs for chemical synthesis, hydrogenation, filtration, and production.

Freeze Dryers and Spray Dryers (Buchi): Scalable lyophilisation solutions and formulation development.



Rotary Evaporator



IPLEX NX Video Borescope



Chromatography System



Anaerobic Workstation



Climate Chamber



Titration System



Centrifuge



ULT Freezer



Gas Chromatograph



Vacuum Pump



Reactor System



XPR Automatic Balance



CKX53 Microscope

Manufacturing & Production

Enabling high-quality pharmaceutical production with scalable, reliable solutions. Our team provides calibration and maintenance to ensure compliance and efficiency.

Biosafety and Laminar Flow Cabinets (Esco): Provide sterile environments for aseptic processing and sample preparation.

Scan Station (Interscience): Automated colony counting with LIMS integration for enhanced data integrity.

Vacuum Pumps (Edwards): Energy-efficient solutions for vacuum processes with advanced monitoring capabilities.

Centrifuge (Eppendorf): High-performance centrifugation for applications ranging from cell harvesting to formulation.

Magnetic Stirrers (IKA): Precise, reliable mixing for pharmaceutical formulations.

Laboratory Glass Washers (Steelco): Efficient cleaning for labware and small-scale production equipment.

Temperature Control Units (Huber): Deliver a wide range of temperatures to process equipment

Quality and Operations

Supporting regulatory compliance with advanced monitoring and testing solutions. Our specialists provide validation and calibration to ensure accuracy and quality.

Liquid Chromatography Systems (Shimadzu): From HPLC to UPLC, enabling method development and process monitoring, with compatibility for mass spectrometry.

TOC Analysers (Shimadzu): Measure water quality to USP/EP/JP standards.

Gas Chromatography and GCMS (Shimadzu): Identify impurities and verify APIs with a range of injection techniques.

XPR Automatic Balances (Mettler Toledo): High-precision weighing for raw materials and finished products.

Titration Systems (Mettler Toledo): Multi-parameter analysis compliant with 21 CFR Part 11.

Seven Excellence pH Meter (Mettler Toledo): Reliable pH and conductivity measurements for critical quality tests.

Visual Inspection Equipment (Evident): RVI solutions for equipment and process inspection.

Drying Ovens and Incubators (Mettler): Reliable temperature control for testing, cultivation, and sterilisation.

Autoclaves and Environmental Rooms (LTE): Controlled environments and sterilisation solutions for regulatory compliance.

PAX-it Software (MIS): Ensures GMP-compliant image capture, enhancing data integrity in drug development workflows.

Supporting the Pharmaceutical Industry with Tailored Solutions

At Mason Technology, we empower laboratories and manufacturing facilities with cutting-edge scientific equipment, technical expertise, and innovative technologies to achieve regulatory compliance and deliver exceptional outcomes.

Trusted by pharmaceutical professionals nationwide, we provide high-quality equipment and tailored technical services to help you select the best solutions, ensure compliance, foster innovation, and achieve sustainability goals.

Solutions Designed for Every Stage

- **Expert Consultation:** Tailored guidance to identify the right equipment and technologies for your specific applications.
- **Installation and Commissioning:** Seamless installation for minimal disruption and quick operational readiness.
- **Calibration and Validation:** Accurate, compliant solutions to meet regulatory standards.
- **Maintenance and Support:** Ongoing service to maximise equipment performance and reliability.
- **Software Support:** Integrated solutions to optimise equipment performance and data management.



Why Partner with Mason Technology?

- **Specialised Expertise:** Our team includes 50+ manufacturer-trained service engineers and industry-focused sales specialists with scientific or engineering backgrounds. Together, they provide tailored guidance, expert support, and solutions designed to meet your unique needs.
- **Quality & Validation Excellence:** A dedicated in-house team ensures compliance with the highest standards, giving you peace of mind.
- **Regulatory Alignment:** Solutions fully aligned with GMP, 21 CFR Part 11, and other industry standards to ensure compliance at every stage.
- **Nationwide Reach:** A robust service network providing responsive, local coverage and quick turnaround times.
- **Flexible Support Solutions:** Supporting equipment from Mason Technology and third-party providers to keep your systems performing at their best.



For more information:

Get in touch with us by using the details below. Alternatively, scan the QR Code for more details on the products and services referenced here.

T: +353 1 453 4422
E: info@masontec.ie
masontechnology.ie

