

Empowering MedTech Innovation: Your Partner in Precision and Quality

At Mason Technology, we deliver advanced solutions and expert services that support every phase of the MedTech development process. Our portfolio features state-of-the-art scientific equipment and technologies from leading brands, increasingly designed with sustainability in mind, to meet the precise needs of the medical technology industry.

From Research and Development to Production and Manufacturing and Operations, our solutions enhance precision, streamline workflows, and ensure regulatory compliance. Whether you're developing new medical devices or maintaining rigorous production standards, our tailored offerings help you achieve success while minimising environmental impact.

Our comprehensive range includes high-precision measurement tools, inspection systems, and quality control instruments. We complement this with expert services in installation, validation, calibration, and software consultancy, ensuring your equipment operates at its best.



This brochure highlights a selection of our key offerings, demonstrating our commitment to driving MedTech innovation. From sophisticated imaging systems and high-precision testing instruments to robust quality assurance solutions, we provide the scientific instruments, technical services and specialist expertise you need to move your projects forward with confidence and responsibility.

EVIDENT

huber



KONICA MINOLTA

LAUDA
scientific

METTLER TOLEDO *Stable Micro Systems*

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.

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MASON
TECHNOLOGY

MASON
TECHNOLOGY

Trusted Solutions for MedTech
Supporting Innovation with Quality
Equipment & Expert Technical Services

Supporting Medtech with High-Quality Solutions & Expert Technical Services

We provide advanced scientific instruments and expert technical services to support innovation, precision, and sustainability in the MedTech sector. From aiding the development of cutting-edge medical technologies to optimising production, we offer ongoing support through calibration, validation, and software consultancy. Our sustainable solutions ensure your operations run smoothly and maintain high performance in a regulated environment.

Research & Development

Delivering Innovation and Precision in Research Development

Universal Force Tester (Stable Micro Systems)

Ensures accurate testing of mechanical properties such as force and durability, critical for the R&D of device components.

Spectrophotometers (Konica Minolta)

Provides precise color consistency checks from raw materials to finished products, ensuring visual and material integrity throughout both development and quality control stages.

Contact Angle Measuring Instruments (Lauda Scientific)

Assesses wettability and adhesion properties of surfaces, essential for evaluating coatings and treatments. This ensures materials meet stringent performance and quality standards during both R&D and production.

XPR Balance (Mettler Toledo)

Offers precision weighing for formulation and raw material measurement, supporting accurate prototype development.

LEXT 3D Laser Confocal Microscope (Evident)

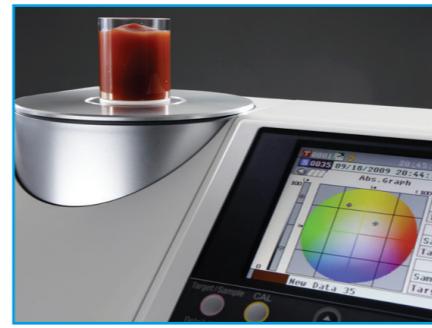
Enables non-contact surface roughness measurement of medical injection needles, providing highly accurate, detailed 3D imaging and analysis. This ensures that needles meet strict quality and safety standards throughout both development and production processes.

Processor Viscosity System PVS (Lauda Scientific)

Delivers precise, flexible, and reliable solutions for viscosity measurement in research and quality control. With modular designs and a wide range of accessories, our systems can be configured for various applications in compliance with international standards, ensuring maximum safety and reproducibility.

DSX1000 Digital Microscope (Evident)

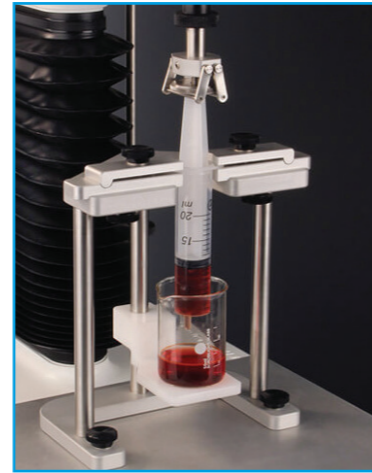
Offers high-resolution imaging and 3D measurement for inspecting and analysing intricate medical device components. Ideal for both R&D and quality control, it ensures precision and helps identify defects, supporting compliance with strict manufacturing standards.



Spectrophotometer



Augmented Reality Microscope



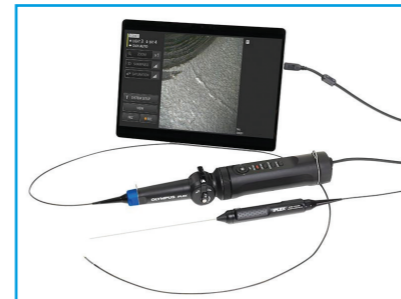
Universal Force Tester



3D Laser Confocal Microscope



Contact Angle Measuring Instrument



Videoscope



Balance



Thickness Gauge



Temperature Control Systems



Digital Microscope



Processor Viscosity System

Manufacturing & Production

Delivering Efficiency and Quality Control in Manufacturing and Production

SZX-AR1 Augmented Reality Microscope System (Evident)

Streamlines inspections by integrating augmented reality into microscopes, providing real-time guidance. This system is particularly useful in medical device manufacturing and quality control, overlaying digital information for detailed examination and assembly. Operators can follow step-by-step instructions, while trainees or supervisors can remotely monitor their work.

Magna-Mike 8600 Thickness Gauge (Evident)

Provides precise thickness measurements for materials such as plastic sheets and tubing, ensuring adherence to specifications.

Videoscopes - IPLEX TX II & NX (Evident)

Enables inspection of narrow-diameter structures, such as cardiac catheters, and manufacturing systems like process pipes for debris or damage.

Optical Tensiometers (Lauda Scientific)

Measures surface and interfacial tension in liquids to ensure the precise formulation of coatings and treatments. Guarantees uniform application and performance during production.

Temperature Control Systems (Huber)

Maintains precise temperature settings crucial for producing temperature-sensitive medical components.

Gloves (ASAP)

Offers high-quality, latex-free protection during manufacturing processes, ensuring contamination control in cleanrooms.

Operations & Quality Assurance

Delivering Excellence and Compliance in Operations and Quality Assurance

Vanta XRF Analyser (Evident)

Ensures material verification and regulatory compliance through PMI and RoHS/MDR screening.

Measuring Instruments (Lauda Scientific)

Offers viscosity and surface tension measurements to ensure consistency of coatings and adhesives throughout the product lifecycle.

Technical Support Services

We provide regular maintenance, calibration, and validation services to keep your equipment and processes optimised. Our software consultancy enhances production efficiency and equipment usage. Comprehensive staff training ensures optimal operation and compliance.