Medical and Decontamination Product Catalogue

A leading healthcare provider supplying the best in class products and solutions tailored to meet individual customer requirements
“We deliver innovative products and solutions to improve patient outcomes.”

Quality
For us only the best is good enough.

Expertise
Together we have a wealth of knowledge and skills built over many years.

Energy
We achieve our clients goals and passion.

Ingenuity
Our commitment to solving problems and resourceful thinking everyday.

Partnership
We build on trust through delivering on our promises.

We deliver innovative products and solutions to improve patient outcomes.
Aquilant Medical

About Us

Aquilant Medical Equipment division offers a wide range of quality, innovative products and medical devices used in a range of clinical areas including ED, Critical Care, theatres, general wards and community environments. Our large portfolio of products is known and trusted by clinical engineers and clinicians, they offer ease of use and may improve and enhance patient outcomes.

Our Partners

Our equipment division partnerships ensure Aquilant can provide a wide range of products and solutions for many healthcare environments: BD known for an extensive range of Alaris infusion therapy devices and accessories, Aerogen with its innovative vibrating mesh technology nebuliser proven to improve drug deposition and health outcomes. Medec and Wilimed offer an extensive range of ventilators for the theatre and ICU environments. Cocoon patient warming machines and wide range of blankets and Em-Therm blanket and fluid warming drawers and cabinets enable clinicians to maintain normothermic patient temperatures thus improving outcomes. Dr Weigert, Belimed, Sonica, Hawo and Cantech offers CSSDs a range of products and machines to improve workflow efficiency, offering potential to reduce costs without compromising on quality.

Our Aims

We are focused on providing customers and patients with the latest innovative products. We strive to provide customers with a tailored service and our team of experienced Sales, Service Engineers and Clinical Educators help achieve this. At Aquilant, we want to be at the forefront of healthcare professional’s minds when it comes to medical equipment.
Infusion Therapy

Volumetric Infusion Pumps

Alaris™ GP Plus Infusion Pump
- Versatile infusion pump suitable for all clinical care environments
- Easy to read display, intuitive key pad, which uses same interface as Alaris™ Syringe pumps
- Colour coded set loading and a large variety of dedicated infusion sets
- Feature Alaris safety clamp to protect patients from risk of free flow

Alaris™ VP Plus Guardrails
- All the features of the GP Plus with ability to monitor In-Line pressure
- This assists clinicians to identify early infusion pressure deviations associated with an interrupted infusion flow
- Helps reduce potential complications including sub-therapeutic infusion or extravasation caused by an irritant drug

Alaris™ Gateway Workstation
The Alaris™ infusion range of syringe and volumetric pumps have the capability to integrate infusion data with a central clinical information system via the Alaris™ Gateway workstation. With option of wired/wireless and numerous options re configuration this will give you more control and valuable infusion data continuously
Infusion Therapy
Syringe Pumps

Alaris™ GH Plus Syringe Pump
- Highly responsive Smart pump with fast start
- Large easy to read display
- Intuitive keyboard
- Alarm beacon
- On-screen drug labelling

Use it with Guardrails safety software to PROTECT from harmful IV medication errors, STANDARDISE drug protocols, MEASURE & IMPROVE practice

Alaris™ CC Plus
- In-Line pressure monitoring to improve detect and improve early detection of occlusions helping reduce the risk of sub-therapeutic drug infusion or post occlusion drug bolus
- Compatible with Guardrails software to further enhance patient protection, standardisation, measurement and improvement of care
- Smart Pump with Fast Start
- Large easy to read display
- Intuitive keyboard
- Alarm beacon
- On-screen drug labelling

Alaris™ PK Anaesthetic Syringe Pump
The Alaris™ PK allows you to choose the latest pharmacokinetic models to suit you and your patient best. With an impressive range of models with plasma and effect site targeting capability. It also has 2 paediatric models. It can be configured as per your department requirements and you can disable any features not required. Large easy to read display.
Respiratory Therapy
Aerogen can be used across all modalities for ventilated and non-ventilated patients

Aerogen Solo
- Quick and easy to set up
- Virtually silent
- Single patient use

Confidence and Consistency Of Patient Care
- Refill medication without breaking the circuit
- Can be used with all medications for inhalation
- No heating or degradation of medication
- Minimal residual volume (<0.1ml for 3ml dose)
- High speed of delivery
- Does not affect ventilator parameters
- Suitable for solutions, suspensions, proteins & peptides
- Can be placed at the wye or at the humidifier

Aerogen Ultra
- Delivers significantly more medication in half the time
- Improves patient response to treatment
- Works with and without O2
- Can be used with either a mask or mouthpiece

Aerogen Pro X & USB Controllers
Aerogen Pro-X Controller and USB Controllers are specifically designed to deliver high performance aerosol drug delivery to patients throughout the hospital.
- 30-minute and continuous mode options
- 45-minute battery life for patient transfer within the hospital
- USB Controller: 30-minute and 6-hour mode options while connected
Respiratory Therapy
Aerogen can be used across all modalities for ventilated and non-ventilated patients.

Continuous Nebulisation Tube Set

- Works with standard syringe pumps \(^1\)
- Non-standard luer connectors eliminate the risk of misconnection \(^1\)
- Precise volumetric dosing for reliable, controlled aerosol delivery \(^1\)
- Drop-by-drop continuous nebulisation \(^2\)

References:
Aerogen Solo

Aerogen Ultra
3. Aerogen Solo Instruction Manual
4. Aerogen Pro X & USB Controllers
Decontamination & Sterilisation

Belimed Instrument Washers

Belimed instrument washers, disinfector and sterilisers are designed with performance, quality and consistency in mind. Belimed systems help staff and relieve the workload by focusing on ease of operation and maximum process reliability. They offer a uniform operating interface, reducing training requirements and margin for error.

WD290 Instrument Washer

- Developed to comply with latest EN ISO 15883
- High through put in instrument reprocessing
- Space saving-smallest footprint of any unit on the market
- Unique drying system, combined with RO water pre-heat tanks ensures short cycle times
- Unique 18 DIN tray capacity with superior cleaning and drying results
- 90 cm width, front direct service access and one or two door options
- Patented status display with LED technology gives a clear indication of the process progress
- Quick program with 35 min. cycle time
- Large wash chamber, small outside dimension
- “Dynamic Filling” system to reduce media consumption
- Very low noise level <65dB (A)
- Heavy duty drying unit (325 m³/h)
- Thermal disinfection by A0 value
- Full process monitoring and independent data archiving (optional)
- Up to 4 dosing units with flow sensors (2 standard)
Decontamination & Sterilisation

**MST-H Horizontal Door Steriliser**
- High throughput steam sterilisers with horizontal sliding doors and ground loading ability for maximum space use and large volume processing
- Designed to meet the needs of CSSDs requiring large capacity systems
- Adhering to the principles of workflow improvement, resource efficiency and lower operating costs
- Automated systems available to provide increased velocity through sterilisation process
- Options include ground loading or carriage loading
- 3 High capacity sizes available
- Automated loading/unloading modules significantly improve workflow efficiency
- Options to integrate with chilled water systems, reducing water consumption/utility costs
- Steam to steam heat exchanger provides contaminant free steam, extending life of medical instruments and reducing need for chamber maintenance

**MST-V Vertical Door Steriliser**
- Highly efficient steam steriliser with vertical sliding doors
- Most efficient and compact steriliser in its class
- Complies with all relevant guidelines/standards
- Available in 3 sizes
- Can accommodate automation systems for added efficiency/workflow improvement
- Water saving/high temperature tolerance technology
- Lowest loading height in its class, ergonomically designed for loading/unloading
Decontamination & Sterilisation

AT-OS Bedpan Washer Disinfectors

- Extensive product range including: stand alone, wall hung, built in, under counter and counter top options
- AF2 range fully compliant with EC directives and standards
- Customised programmes based on operator needs, reduced, normal, intensive & extra
- Digital warning system for routine maintenance
- Hygiene, safety and disinfection to the highest technological standards

AT-OS Cabinets for Storing & Drying

- Used to dry and store surgical instruments
- Stainless steel with acoustic insulation, tempered glass panels
- Touch screen control panel to set temperature and time drying
- Equipped with air aspiration with HEPA h14 air filter
- Ventilated cabinets available for storage of endoscopes
Decontamination & Sterilisation

neodisher® MediClean forte
- Lead product in manual & automatic reprocessing of surgical instruments
- Alkaline universal detergent, liquid concentrate
- Contains alkalinity donors, enzymes and surfactants
- Excellent material compatibility, universally applicable. Reliably removes residues of dry denatured blood
- Prevents redeposition of protein residues

neodisher endo® CLEAN
- Detergent for automated and manual reprocessing of flexible endoscopes
- Liquid concentrate based on alkalinity donors, enzymes and surfactants
- Excellent cleaning performance
- When manually cleaning with immersion baths and ultrasonic washers, reliably dissolves organic residues and prevents their redeposition
- Reliably removes dry and denatured blood
- With automated cleaning fulfils the current recommendations for reprocessing of medical devices to minimise risk of transmitting vCJD
- Effective at low temperatures, low-foam formulation
- Suitable for endoscopes from all leading manufacturers

neodisher endo® SEPT PAC
- Disinfectant for automated reprocessing of flexible endoscopes
- Liquid concentrate based on peracetic acid; bactericidal, mycobactericidal, fungicidal, virucidal, sporicidal
- Rapid and extensive activity incl. sporicidal activity at 25 °C and at 35 °C. No activator necessary, only one component
- Suitable for endoscopes from all leading manufacturers
- Material compatibility confirmed in several million cycles
- Free of aldehydes and quaternary ammonium compounds. Included in the IHO list of virucidal products

The products neodisher endo® CLEAN and neodisher endo® SEPT PAC are perfectly matched: A possible carrying over of neodisher endo® CLEAN solution into the disinfection cycle has no negative impact on the disinfection performance of neodisher endo® SEPT PAC. The automated reprocessing process with neodisher endo® CLEAN and neodisher endo® SEPT PAC fulfills the requirements of DIN EN ISO 15883-4 in regard to a total germ reduction of > 9 log 10 in the entire process.
hm 3020 DC-V / hm 3010 DC-V rotary sealers

hm 3020 DC-V / hm 3010 DC-V rotary sealers with printer and hawo IntelligentScan, used for the automatic closing of sealable pouches and reels. Sealing process is validatable in accordance with ISO 11607-2. During sealing process the critical parameters sealing temperature, contact pressure and sealing speed (dwell) are automatically monitored. If one of the parameters deviates from preset values, the devices warn the user acoustically and stop the sealing process.

Integrated printer
The hm 3010 DC-V, hm 3020 DC-V and hm 3010 DC-V have an integrated printer. They can print all normatively requested information directly onto the packaging during the sealing process (symbols according to EN 980). Thanks to the patented FontMatic technology the rotary sealers automatically recognise the width of the sealing material and adjusts the font size to the available space. Printing over the edges is a thing of the past.

Flexibility
The hawoflex sealing system (SealPeak) accommodates every material – even gusseted pouches and reels. Therefore a flawless, full-area sealing seam can also be achieved with materials of varying thickness.

Ergonomics and maintenance
Unit is designed for the ideal utilisation of the work area. Maintenance is reduced to a minimum; worn parts are easily replaceable. The ink ribbon change is simply carried out from the front of the device.

SealPeak
hawo SealPeak sealing seams are 12 mm wide flat seams that have a barrier with excellent stability in their centre - known as the SealPeak. The seal stability increases constantly from the outsides towards the SealPeak. These soft edges have the advantage that instruments do not break out at the edges, but instead press gently into the seam and are caught by the SealPeak in the centre. SealPeak sealing seams also have excellent peeling properties without paper shredding, even if the user peels the pack open in the wrong direction. Thanks to the tried-and-tested hawoflex sealing technology, SealPeak sealing seams are also ideal for uncoated Tyvek® and polyolefin packagings.
Decontamination & Sterilisation

hm 950 DC-V NanoPak heat sealer

Validatable Rotary SEALER with touch screen for packaging of sealable POUCHES and REELS. NanoPak is hawo’s most powerful heat sealer.

The high-end processor ensure that NanoPak can deliver top results over a long time period. Features a 4.3 inch touch screen.

With its innovative DocLink communication module NanoPak can easily be linked to batch documentation systems.

First rotary sealing device with SizeMatic function. Sterilisation bags that are too long or too short are a thing of the past because the optional scanner and the SizeMatic scale allows you to upload the length of a device. The optimum length of the bag is then automatically calculated and shown on-screen. NanoPak can be operated as usual with a scanner. Entering data is now even more convenient and more secure.

Capable of printing required text information and can also print bar codes. The FontMatic technology automatically adjusts the font size to match the width of the packaging.

hm 750 WST

- Efficient and easy to handle working place and packing station for the Central Sterile Supply Department (CSSD)
- Workstation comprises a mobile basic element, a film roll holder with integrated cutting device, baskets, holder for sterilized goods containers and packets as well as a large work table
Process Indicator tape for Steam Sterilisation

144-00LF & 144-00

- Lead free and made with Dry Natural rubber
- Process Indicator Tape is designed to seal packs that are exposed to steam sterilization
- The tape distinguishes between items processed and unprocessed in both gravity discharge and pre-vacuum steam sterilization processes
- Designed for use in gravity sterilizers operating at 121°C for 30 minutes or pre-vacuum sterilizers operating at 132°C for 4 minutes and 135°C for 3 minutes
- Easy-to-handle, the tape requires pressure upon application in order to provide proper contact and stays in place through live steam pressure. After use, the tape removes quickly and completely
- Made of a saturated crepe paper printed with a lead-free ink, the green indicator lines turn black once exposed to steam process
- Process indicator tape for Steam Sterilization (Type 1)
Decontamination & Sterilisation

Sterile barrier systems from stericlin®

Sterile barrier systems from stericlin® fulfil the requirements of ISO 11607 and EN 868 standards, Robust and reliable:

The advantages of this packaging material, in particular its economical use and space-saving storage requirements, speak for themselves. Stericlin® offers 6 different versions to suit any conceivable application in a wide range of formats and colours.

Crepe

Crepe wrapping paper is a very economical option for packaging large and bulky sterilised objects. Crepe from stericlin® is made of 100% cellulose fibre.

Non-woven

Non-woven fabric is a water repellent and alcohol resistant wrapping material made of cellulose and synthetic fibres.

SSMMS

Polypropylene SSMMS is the high strength wrapping material from STEAM-, EO and plasma sterilisation. Its above average tear resistance and drapability makes polypropylene the ideal material for the most demanding applications.
• Bag-in-Bottle ventilator can handle a wide range of patient categories: neonates (approx. 1 kg), infants and adults (incl. bariatric patients)
• 18.5” capacitive touchscreen shows all crucial information at a single glance
• VoluProtect® reduces the risk of ventilator-induced lung injury during manual or spontaneous ventilation.
• BaroProtect® reduces the risk of ventilator-induced lung injury during volume-controlled ventilation

Caelus Lite

All the features of Caelus
• Caelus Lite is an ideal solution for optimal space allocation
• Bag-in-Bottle ventilator can handle a wide range of patient categories: neonates (approx. 1 kg), infants and adults (incl. bariatric patients)
• 18.5” capacitive touchscreen shows all crucial information at a single glance
• VoluProtect® reduces the risk of ventilator-induced lung injury during manual or spontaneous ventilation.
• BaroProtect® reduces the risk of ventilator-induced lung injury during volume-controlled ventilation

Anaesthesia & critical care equipment - made in Belgium a smart choice.
Ventilation

AIRcon Respiratory Humidifier

- Active humidification redefined
- The humidifier AIRcon combines modern technology and innovative design in a high performance unit
- Mechanically ventilated patients are provided with optimally conditioned respiratory gas
- Due to its innovative functions and the optimized accessories, the humidifier AIRcon is perfectly adapted for clinical and extra-clinical use

WILAmed INTENSA

- Full invasive and non-invasive life-support ventilator, for ventilation of the critically ill neonate/infant, paediatric or adult ICU patient
- Comprehensive range of ventilation modes
- Advanced monitoring capabilities, and additional options such as the advanced WILAmed AIRcon Respiratory Gas Humidifier and breathing circuits

WILAflow Elite

- Designed for the non-invasive ventilation of preterm or newborn infants predisposed with lung disease
- Allows proximal pressure monitoring without being affected by mechanical dead space in the closed loop and compliance. Accurately measures patient’s airway pressure
- Optional respiratory abdominal sensor monitors for apnea/low breath rate in both nCPAP and BiPhasic modes
- In BiPhasic trigger mode, the respiratory abdominal sensor and transducer allow patient-triggered pressure assists with breath rate monitoring
Patient Warming

Cocoon Warming System

- Dual, self-resetting, 53°C thermostats assure patient safety
- Heating element incorporating thermal switch and thermal fuse provides system protection in case of air flow failure
- Hepa filter ensures clean air delivery to patient
- Thoughtfully designed air intake does not draw air from the floor area maximising filter life
- Cocoon Convective Warming Machine CWS 4000
- 46 degree boost button with 10 minute auto drop down feature

Key Points

- Large range of blankets standard and specialised
- Filter status indicator takes the guesswork out of filter maintenance
- Microprocessor control delivers excellent safety and performance
- Built-in computer communication port facilitates easy testing and service
- Retractable metal bed rails offer a strong, convenient, fold-away bed mounting
- Flexible mounting options of IV pole or stand to suit your needs
- Protective hose cover delivers thermal insulation and ease of cleaning
Fluid Warming

EmTherm 1D/2D
- 1D Bench top version with 30L capacity
- 2D 2 drawer mobile unit with a capacity of 60L
- Designed for warming of any kind of fluids such as infusion, irrigation fluids, contrast media, etc as well as non-liquid items
- Temperatures up to 42°C can be easily preset by the user
- The EmTherm 1D is designed to fit perfectly on top of 2D
- Suitable for any department requiring warming of fluids

EmTherm 3DS
- Mobile warming cabinet with 300L capacity
- Designed for pre-warming blankets and textiles up to 70°C
- Can be configured to warm fluids up to 42°C
- 5 removable and height adjustable shelves allows flexibility in storage requirements
- Internal lighting is an added feature in the 3DS
- High grade insulation of the chamber keeps running costs to a minimum
- The presence of special handles on the shelves reduce risk of touching hot surfaces

EmTherm 3DW
- Designed to safely warm blankets and irrigation/injection fluids
- 2 separate warming chambers
- Individual heating circuits and controls enable varied warming requirements from one point
- The upper compartment has 3 height adjustable shelves for warming blankets up to 70°C.
- In the lower segment there are two drawers for warming infusion/irrigation fluids up to 42°C
- A triple-glazed glass door and full wall insulation helps prevent heat-radiation when the unit is closed
- The presence of special handles on the shelves reduce the risk of touching hot surfaces

All EmTherm warming cabinets maintain set temperatures with an accuracy of +/- 1°C and are fully compliant with medical device standards.
As a leading supplier of medical devices and consumables to healthcare facilities in Ireland, our customers are our number one priority. The main aim of our Technical Services Department to ensure that we provide first class technical support to all our customers.

Our Field Service Engineers are fully trained on all our products and are available to carry out all department services. Our engineers are strategically placed throughout Ireland guaranteeing fast response times to breakdown calls. The services we offer include but are not limited to the following:

- Pre-sale site inspections
- Installations and commissioning
- Preventative Maintenance Contracts
- Emergency breakdown call-outs
- Technical training and demonstrations
- Validation to EN/HTM and IQ/OQ/PQ
- In-house repair & service support facility
- Calibration and certification
- Telephone Support
- Spare parts supply
Aquilant Medical’s Capital Division has a dedicated and full time RGN Clinical Nurse Educator who in association with a full-time Infusion Product Specialist Team, deliver bespoke and comprehensive clinical support & education programmes.

This provision is provided as a complimentary resource with all tender awards & product supply.

**We provide**

- Compressive product implementation
- Extensive coverage of Product Specification, Best Clinical Practice, Optimum Outcomes & FAQs
- Bespoke packages for individual Department needs & requirements
- Provision of on-site Hospital wide education as well as an off-site capability at our dedicated training facilities at Aquilant Head Offices in Dublin
- Working with Hospital Nurse Practice Development & Clinical Education leads for initial product rollout schedules & appointed follow up sessions
- The ability to incorporate the ISD training into any IV Study Days currently held
- Training through practical “Show & Tell” clinical demonstrations, PowerPoint Presentation formats as well as the provision of support documentation as required
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Therapy Areas

- Analytical Sciences
- Bowel & Bladder Care
- Critical Care
- Distribution
- Endoscopy
- GI Intervention
- Interventional Cardiology
- Interventional Vascular
- Medical
- Medical & Decontamination Equipment
- Microscopy
- Nursing Care
- Pharma
- Scientific
- Surgical
- Technical Services
- Wound Care