



Autoclave experts since forever

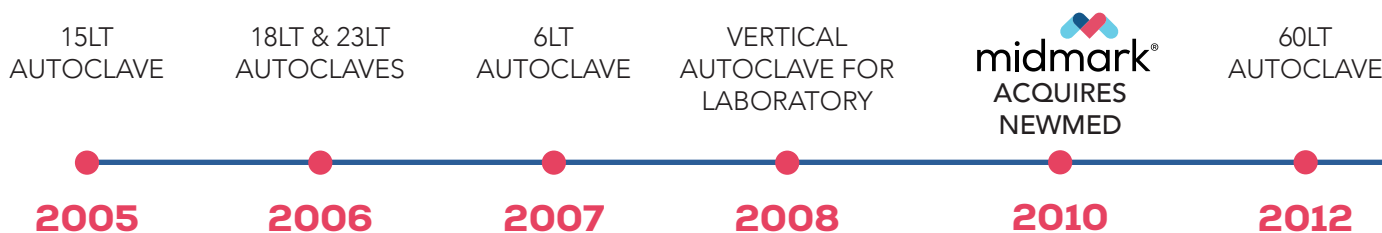
SERVING DENTISTS, HOSPITALS,
VETERINARY CLINICS AND BEAUTY SALONS

As an Italian company with a long-standing tradition in autoclave manufacturing, we have dedicated ourselves to excellence in sterilization technology for decades. Our expertise lies in designing and producing high-performance autoclaves tailored to the specific needs of dental practices, hospitals, veterinary clinics, and beauty salons. With deep industry knowledge and a commitment to innovation, we offer reliable, safe, and user-friendly solutions that meet the highest standards of hygiene and efficiency. Our mission is to support your work with precision engineered sterilization systems you can trust.

A powerhouse of 2.200 specialists

NEWMED IS PART OF MIDMARK CORPORATION

We are proud to be part of Midmark Corporation, a leading U.S. manufacturer of medical devices with a global team of over 2.200 skilled professionals. This strategic partnership brings together Newmed's deep-rooted expertise in autoclave manufacturing and Midmark's extensive resources and industry leadership. By combining the precision of Italian craftsmanship with the innovation and scale of a renowned American company, we deliver advanced sterilization solutions that meet the highest standards of safety, efficiency, and reliability worldwide.



neu

Count on us for 15 years

3 TIMES LONGER SERVICE LIFE THAN
COMPETITORS

We redefine what durability means in the autoclave industry, offering a service life up to three times longer than most of our competitors. Our units are engineered for long-term performance and are renowned for their flawless operation, even after years of continuous use. With an operational lifespan of up to 15 years, our autoclaves set a new benchmark delivering consistent, worry-free performance that professionals can count on.

50.000+ units sold in 100 countries

FROM EUROPE TO THE MIDDLE EAST,
FROM ASIA TO AUSTRALIA

Newmed's reach knows no bounds, with over 50.000 autoclaves sold across the globe. From Europe to the Middle East, and from Asia to Australia, our sterilization solutions have earned the trust of professionals worldwide.

This global footprint is a testament to our product quality, technical reliability, and unwavering commitment to customer satisfaction.

AUTOCLAVES
FOR
ANIMAL HEALTH

2013

AUTOCLAVES
FOR
BEAUTY

2017

LAUNCH OF ROSI®
BUILT-IN
REVERSE OSMOSIS

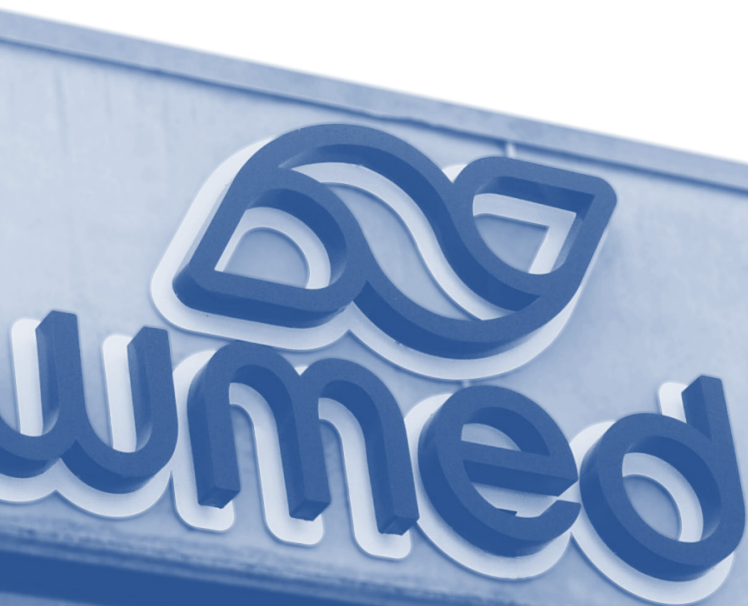
2019

MDR 2017/745
COMPLIANCE

2022

ALYSSA
18LT & 23LT
AUTOCLAVES

2024



Alyssa B18 & Alyssa B23

CHAMBER DEPTH FOR YOUR NEED: 381 AND 530 MM





Automatic cycle recording

Keep your sterilization records organized and accessible with automatic cycle reporting. Each completed cycle is automatically saved to your computer via Wi-Fi or Ethernet connection and stored as a printable PDF file. This ensures full traceability, simplifies compliance with hygiene regulations, and saves valuable time in daily operations.



Labels for complete traceability

The SterilPrint printer generates labels containing essential sterilization details, making it easy to track the sterility status of each kit. This ensures full compliance with traceability regulations and supports safe, organized instrument management.



Instant status visibility

Keep track of your sterilization process at a glance with the color coded LED bar indicator. Its bright, intuitive lighting system allows you to easily monitor cycle status from across the room, ensuring smooth workflow and quick visual updates.



Cycle choice assistant

Easily select the most suitable cycle for each load with the Cycle Choice Assistant. This intelligent feature helps you reduce water and energy consumption, save valuable time, and extend the lifespan of your high-value instruments, all while ensuring effective sterilization with every cycle.



Flexible drying options

Choose the drying time that best suits your load: opt for a quick 5 minute extension, or select a more thorough 15 minute cycle to ensure your instruments are completely moisture free and ready for safe use or storage.



Hands-free water filling

Say goodbye to splashing and spills. With the integrated water filling pump and a front-facing water connection, you can simply place the water tank on the floor and let the autoclave fill itself automatically at the press of a button ; no lifting, no mess.



Value for money

Choose from 7 sterilization cycles designed to help you optimize water and electricity consumption based on the load type and volume. For added efficiency, the standby mode activates automatically after 60 minutes of inactivity to reduce energy usage, while the delayed start function allows you to schedule cycles during off-peak energy hours, saving both power and cost.



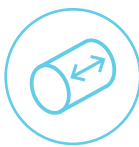
Sterile and dry in 19 min

In the 18 L autoclave, exceptional sterilization speed is achieved through a preheated chamber combined with the efficiency of the Quick-S cycle. This advanced setup delivers fast, effective sterilization, saving valuable time without compromising performance.



Dedicated to safety

Equipped with an automatic door locking mechanism and a water quality verification system, this autoclave ensures consistently safe and reliable sterilization. For added peace of mind, it also features timely maintenance reminders, helping you keep performance at its best with minimal effort.



Unmatched chamber depth

Among autoclaves of the same capacity, our 23 L unit stands out with the deepest chamber in the industry, measuring an impressive 530 mm. This exceptional depth provides ample space to accommodate even the longest instruments, making it ideal for practices that require flexibility without compromising on capacity.

SPACE AND TIME SAVING WATER PURIFICATION

Say goodbye to heavy lifting and recurring costs associated with purified water. ROSI[®] eliminates the need to purchase, transport, and store bulky water containers, simplifying your workflow.

Additionally, ROSI[®] saves you valuable time by automating water supply to your autoclave, removing the hassle of daily refills. Experience greater efficiency and convenience in your sterilization process.

ROSI[®] is an innovative, built-in water purification system designed to ensure optimal steam quality and reduce maintenance. The system includes three internal cartridges that purify potable water into high-quality water suitable for steam generation.

The process begins with a carbon filter, which removes chlorine, sediment, and volatile organic compounds.

The water then passes through a reverse osmosis membrane, eliminating calcium, iron, salts, bacteria, viruses, particles, and chemical contaminants. Finally, a resin filter provides additional polishing to ensure consistently pure water. Together, these filtration stages provide outstanding protection for your instruments, while extending the life of your autoclave.

Break Even In Less Than 4 Months

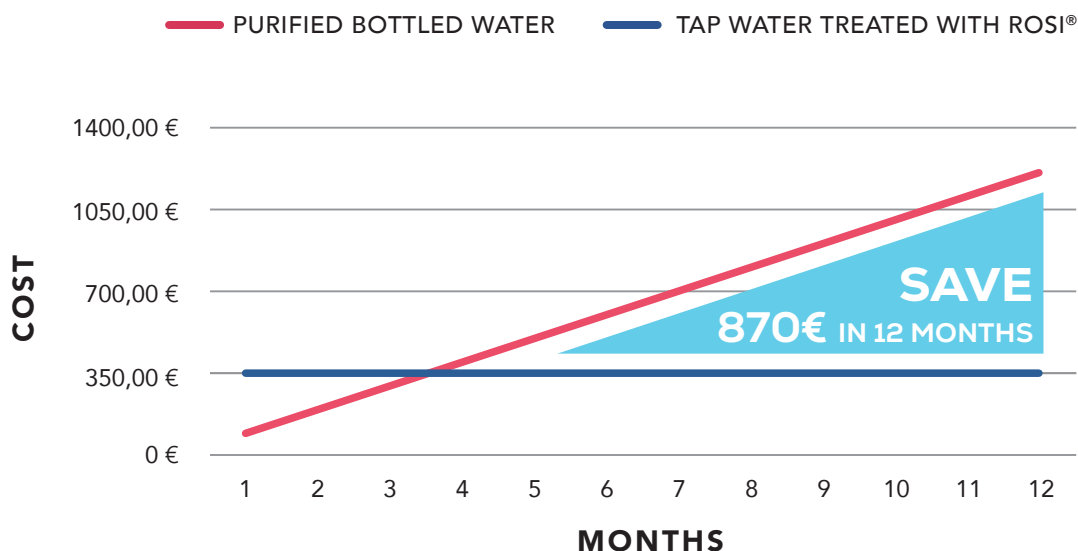
Number of cycles per month.....	80
Liters per cycle	0,4
Bottled purified water cost.....	1,30 €/l
Tap water cost	0,004 €/l
Cost of manual filling labour	3,00 €/day
Cost of ROSI [®]	350,00 €

*Quotations September 2025

Use of bottled purified water
101,60 €/month

Use of tap water
0,17 €/month

Cost of water for sterilization per month





Save 870 € annually

Save up to 870 € per year with ROSI® technology. Based on 1.000 cycles annually at 400 ml per cycle, compared to the average purified water cost of 1,30 € per liter.



No extra space required

Enjoy a seamless setup: connect your autoclave directly to the mains, with no extra space required for external water purification.



Up to 1500 cycles

Long-lasting performance: even with poor quality water (1.000 µS/cm or 500 TDS), carbon and resin filters deliver up to 1.500 cycles per set.



Forget heavy tanks

Say goodbye to heavy lifting and recurring water costs. ROSI® eliminates the need to buy and transport bulky purified water containers.



Purification at its finest

Reverse osmosis is trusted worldwide for its outstanding ability to remove even the smallest particles, salts, minerals, and contaminants. Delivering pure, clean H₂O every time.



Regular updates

The software alerts you when cartridges are running low, giving you plenty of time to contact your technician. Meanwhile, front filling ensures uninterrupted operation so you can keep working without delay.



Sterilization Cycles

	Alyssa B18	Alyssa B23
Test	Helix / Bowie-Dick / Vacuum	
B 134°C Prion (steriliz. time: 20 min)	39 min	49 min
B 134°C Universal (steriliz. time: 5 min)	27 min	37 min
B 134°C Rapid (steriliz. time: 5 min)	20 min	30 min
B 121°C Gentle (steriliz. time: 18 min)	40 min	50 min
S 134°C Universal (steriliz. time: 5 min)	32 min	42 min
S 134°C Rapid (steriliz. time: 5 min)	19 min	29 min
S 121°C Gentle (steriliz. time: 18 min)	43 min	53 min

Note: Values include pre-heating and drying; times vary with load and power supply.



Technical Specifications

	Alyssa B18	Alyssa B23
Autoclave Class	B	
Chamber Size (Ø x d)	236 x 381 mm	236 x 530 mm
Chamber Max. Fitting Cuboid Dimensions (w x d x h)	166 x 345 x 166 mm	166 x 529 x 166 mm
Max. Load	2,5 kg wrap. instr. 4 kg unwrap. instr. 1 kg textiles	3,5 kg wrap. instr. 4,5 kg unwrap. instr. 1,5 kg textiles
Tray Dimensions (w x d x h)	185 x 285 x 17 mm	185 x 440 x 17 mm
Overall Dimensions (w x d x h)	518 x 685 x 395 mm	
Open Door Clearance Space (w x d x h)	573 x 975 x 395 mm	
Minimum Bench Depth	550 mm	
Weight	45 kg	47 kg
Power Supply	230 Vac (+/- 10%) 50 - 60 Hz	
Power Consumption	2400 W	
Clean Water Tank Capacity	4 L	
Used Water Tank Capacity	4 L	
Standard Accessories Supplied	4x tray, 1x reversible rack for cassettes, 1x tray holder, 1x sponge, filling and draining tubes	
Regulatory Compliance	CE certified according to Reg. (EU) 2017/745 Dir. 2014/68/EU (Pressure equipment directive)	
Company Certifications	ISO 9001:2015 ISO 13485:2016	

Process verification and traceability



SterilPrint

The SterilPrint printer simplifies compliance by automatically generating labels with essential sterilization details, supporting regulatory traceability for each kit. Designed for seamless integration and ease of use.



Bowie-Dick test

A routine test for steam sterilizers. It verifies the sterilizer's ability to effectively remove air and ensure steam penetrates porous loads, guaranteeing proper sterilization.



Helix test

A test designed to verify steam penetration in narrow, lumen instruments like handpieces, endoscopes or cannulas. It confirms that steam effectively reaches all internal surfaces during sterilization, ensuring reliable sterilizer performance and patient safety.



Pulcino

As an incubator for biological indicators, it is equipped with eight calibration holes, each measuring 10 mm, including one designated for reference purposes.



Steam integrating test

A Type 5 chemical integrator designed for steam sterilization cycles. It monitors key parameters: temperature, time, and steam presence, to provide a clear, reliable visual confirmation that sterilization conditions have been met. Compliant with ISO 11140-1 standards, it features a migrating color bar that moves into the "Accept" zone when the cycle is successful, making it easy to interpret and ideal for routine sterilizer monitoring.



Steam cross-check

Multi-parameter chemical indicators for steam sterilizers operating at 132°C–135°C. These strips change color to provide a clear visual confirmation only when the correct temperature and sterilization conditions are met. Compliant with ISO 11140-1 (Type 4), they test key parameters like temperature, steam presence, and time; ensuring reliable sterilization monitoring.



Biological indicator

Our biological indicators are specifically designed for use with the Pulcino incubator, providing a reliable and accurate method to confirm successful microorganism removal.

Water treatment



Osm03

A reverse osmosis system with includes a carbon pre-filter followed by a reverse osmosis membrane and a resin filter, designed for the water supply of 1 autoclave.



Aquamed

A pair of cationic and anionic resin cartridges, to produce high quality demineralized water for 1 autoclave.



Perfect Water

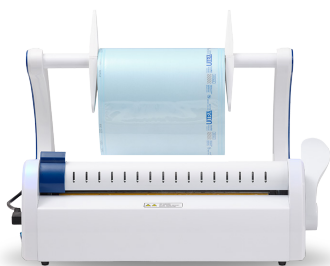
An electric water distillation system with the capacity to purify 1 liter of water per hour and a total water holding capacity of up to 4 liters.



GreenControl

Designed to measure the hardness of water intended for use in your autoclave, this device is the perfect complement to our water treatment solutions. Key features include a TDS meter (ppm), a conductivity meter ($\mu\text{S}/\text{cm}$), and a temperature meter with dual readings in $^{\circ}\text{C}$ and $^{\circ}\text{F}$, ensuring precise, reliable water quality assessment.

Accessories



QuickSeal

Designed for safety and ease, this unit delivers a strong, reliable seal with its 12 x 300 mm sealing band. Status indicators keep you informed, while the automatic safety cut-off protects your equipment and pouches from overheating or damage. For added convenience, it features an integrated cutter and the roll holder can be wall mounted for quick, effortless access.



QuickClean

Available in 4,5 12,5 and 25-liter models, this versatile product line is designed to meet a wide range of application needs. With fully customizable cycle run-times from 1 to 99 minutes and adjustable power settings, it delivers optimized performance tailored to your specific load and process requirements. A built-in fluid level sensor ensures consistent water levels throughout each cycle, enhancing reliability and efficiency for every use.

Autoclave Experts Since Forever



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Newmed S.r.l.

Via Lenin 79/A
42020 Quattro Castella (RE), Italy
+39 0522 875 166
newmed.sales@midmark.com
www.newmedsrl.com

 MADE IN ITALY

DISTRIBUTED BY

NEWMED IS OWNED BY

Midmark Corporation

60 Vista Drive
Versailles, Ohio 45380, U.S.A.
www.midmark.com