



 Proudly  
made in Italy

# The Nyla Series

6 and 18-liter autoclaves



3-Year  
Warranty

With antimicrobial  
protection by



# Autoclave Experts Since Forever

Serving dentists, hospitals, veterinary clinics and beauty salons

We are proud to be an Italian company with a rich history in autoclave production. With our specialized focus on serving dentists, hospitals, veterinary clinics and beauty salons, we have been delivering tailored autoclave solutions for as long as we can remember.

# A Powerhouse Of 2,200 Specialists

Newmed is a proud member of Midmark Corporation

We are a proud member of Midmark Corporation, a prominent US medical devices manufacturer with a workforce of over 2,200 skilled professionals. This collaboration combines Newmed's expertise in autoclave manufacturing with Midmark's vast resources and industry experience. Together, we deliver exceptional autoclave solutions that reflect the synergy between Italian craftsmanship and the strength of a renowned American company.



# Count On Us For 15 Years

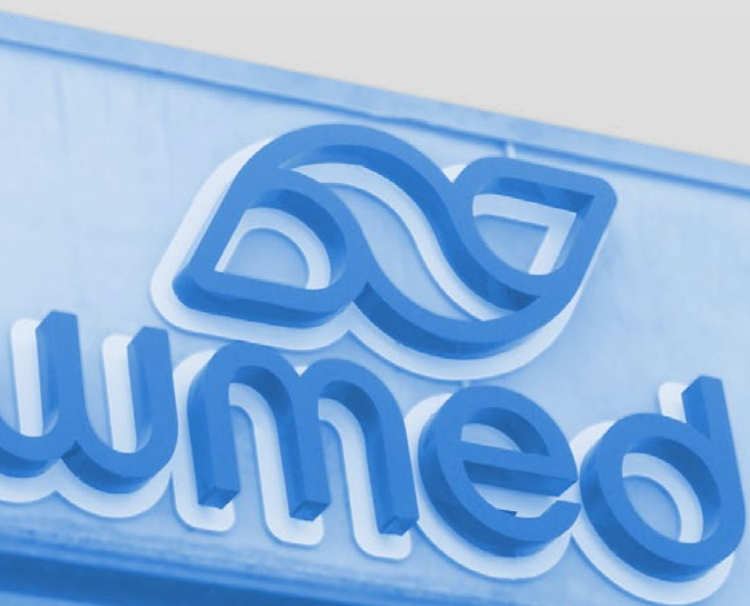
3 times longer service life  
than competitors

We redefine durability and reliability, boasting a remarkable 3 times longer service life than competitors. Our installations are renowned for their flawless operation, setting a new industry benchmark by consistently performing optimally for up to 15 years.

# 40,000+ Units Sold In 90 Countries

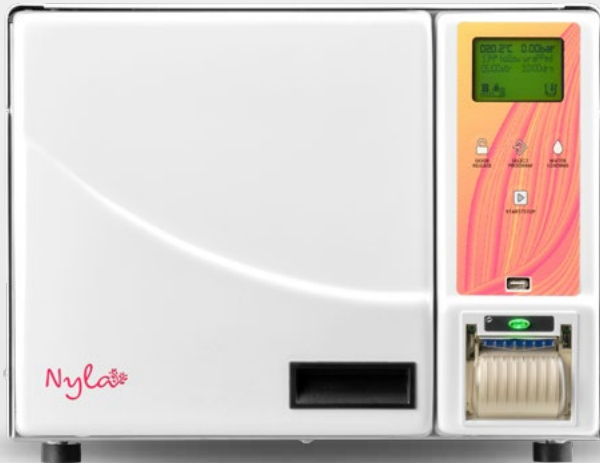
From Europe to the Middle East,  
from Asia to South America

Newmed's reach knows no bounds, having sold 40,000 autoclaves across the globe. From Europe to the Middle East and from Asia to South America, our sterilization solutions have gained the trust of customers worldwide.



# Nyla B6

1 kg of instruments sterile and dry in just 12 min



# Nyla 6 CR

The cost-effective option





### 3-Year Warranty

One-of-a-kind offering in the worldwide autoclave sector. Subject to conditions.



### Sterile And Dry In 12 Min

In the B-Class autoclave, remarkable speed thanks to preheated chamber and 134°C B SOLIDS OPEN cycle.



### Standard Water Pump

Thanks to the built-in frontal water pump, you can keep the tank on the ground. Simply press a button and the autoclave will fill itself up. Water is manually filled into the chamber for 6 CR.



### Budget Friendly

A lower price point compared to larger models makes it an economical choice, especially when there are budget constraints.



### Free Integrated Printer

Simply document and monitor your sterilization processes to ensure compliance and streamline operations.



### Automatic Filling Option\*

A one-way inlet for the automatic introduction of pre-treated water, simplifying the process and minimizing the need for manual intervention. The drainage, on the other hand, can be either manual or automatic.



### Water Optimization

A selection of 10 cycles in B6, with 5 in S6 CR and 3 in N6 CR enables you to optimize water and electricity usage based on your load.



### Paperless\*

The optional data logger conveniently saves sterilization records onto a USB drive. Coupled with our proprietary software, you can easily access and read the records on your PC.



### Extra Dry\*

Choose between 5 or 15 extra minutes for thorough, moisture-free sterilization.



### Value For Money

The standby mode activates after 60 minutes to save energy and the delayed start operates during off-peak energy hours.



### Dedicated To Safety

Incorporating an automatic door locking mechanism and water quality verification system\*, guaranteeing consistently secure sterilization procedures, while ensuring peace of mind with timely maintenance reminders delivered.



### The Class To Your Needs

Choose from B6, S6 CR and N6 CR models, each tailored to provide specialized sterilization solutions that align with your unique needs.

\* Not available for Nyla 6 CR.



# Nyla 18

Chamber depth for your need





### 3-Year Warranty

One-of-a-kind offering in the worldwide autoclave sector. Subject to conditions.



### Antimicrobial Treatment

BioCote antimicrobial coating inhibits the growth of microbes, like bacteria and fungi, on autoclave's surfaces, ensuring a more hygienic equipment. For more information, see page 10.



### Standard Water Pump

Thanks to the built-in frontal water pump, you can keep the tank on the ground. Simply press a button, and the autoclave will fill itself up. The drainage, on the other hand, can be either manual or automatic.



### Built-In Reverse Osmosis

Include the optional ROSI® to effortlessly connect your unit to tap water. This configuration offers an impressive average of 1,300 cycles of operation before maintenance is required. For more information, see page 8.



### Free Integrated Printer

Simply document and monitor your sterilization processes to ensure compliance and streamline operations.



### Paperless

The optional data logger conveniently saves sterilization records onto a USB drive. Coupled with our proprietary software, you can easily access and read the records on your PC.



### Extra Dry

Take your time deciding whether to opt for an additional 5 minutes or a more comprehensive 15-minute extension to ensure thorough, completely moisture-free sterilization.



### Sterile And Dry In 19 Min

In the B-Class 18 L autoclave, the incredible speed of our sterilization process is achieved through the utilization of a preheated chamber combined with the efficiency of the 134°C S RAPID cycle, resulting in remarkably swift and effective sterilization.



### Value For Money

A selection of 10 cycles (in B and S-Class) enables you to optimize water and electricity usage based on your load. The standby mode activates after 60 minutes to save energy and the delayed start operates during off-peak energy hours.



### Dedicated To Safety

Incorporating an automatic door locking mechanism and water quality verification system, guaranteeing consistently secure sterilization procedures, while ensuring peace of mind with timely maintenance reminders delivered.



### Field Deepest Chamber

Among autoclaves with the same capacity in the industry, our 18 L unit proudly features the deepest chamber, measuring an impressive 381 mm and ensuring ample space to accommodate even the longest instruments.



### The Class To Your Needs

Choose from B and S-Class models, each tailored to provide specialized sterilization solutions that align with your unique needs.

# ROSI®: Space Saving Water Purification

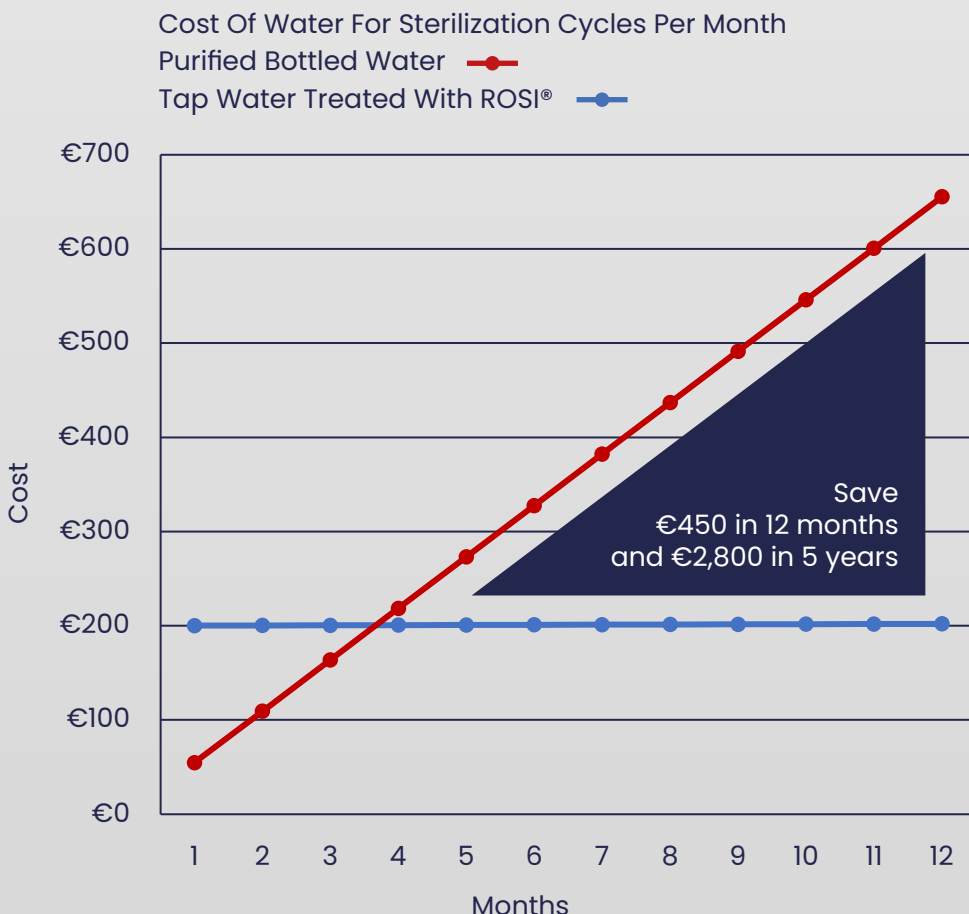
## Built-in reverse osmosis

ROSI® is an innovative feature exclusive to our 18 liter autoclave. It is composed of 3 cartridges, housed inside the unit, which filter the potable water supply into purified water for steam generation. The water first passes through a carbon filter that eliminates chlorine, sediment and volatile organic compounds. Then followed by a reverse osmosis cartridge that removes calcium, iron, salt, bacteria, viruses, particles and chemicals, before finally flowing through a resin filter, collectively providing water of suitable quality for steam generation.

## Break Even In Less Than 4 Months

Number of working days per month:	21
Number of cycles per day:	4
Liters (L) per cycle:	0.5
Cost of purified bottled water per L (Italy, Sep. 2023):	€1.30
Cost of tap water per L (Italy, Sep. 2023):	€0.004
Cost of ROSI®:	€200

Cost of purified bottled water for sterilization cycles per month:	€54.60
Cost of tap water for sterilization cycles per month:	€0.17







## Save €450 Annually

Considering an average Italian price of €1.30 per liter of purified water and assuming 1,000 cycles per year at 500 ml per cycle, ROSI® technology saves you around €450 annually.



## No Extra Space Required

You not only connect your autoclave directly to the water mains but also enjoy the unique advantage of not needing any extra space for an external purification system.



## Up To 1.900 Cycles

Based on our testing with poor-quality water (1,000 µS/cm or 500 TDS), changing carbon and resin filters is due every 1,900 cycles.



## Forget Heavy Tanks

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



## Purification At Its Finest

Reverse osmosis is globally trusted for its ability to selectively filter out even the tiniest particles, salts, minerals, and contaminants from water, leaving nothing but pure, clean H<sub>2</sub>O.



## Regular Updates

The software provides notifications when cartridges are running low, giving you time to contact your technician. Plus, you can continue using the front filling to maintain work flow without interruption.



# Antimicrobial

BioCote reduces the presence

## Introducing BioCote

BioCote has been a market leading antimicrobial additive provider for over 25 years. Supplied in the form of additives, BioCote technology is manufactured into products to protect them against a wide range of microbes including bacteria and fungi.

## Newmed & BioCote

We exclusively partnered with BioCote to further strengthen our commitment to ensuring products succeed expectations and standards for the benefits of both professionals and patients. This partnership aims to prevent the spread of microorganisms such as bacteria and mold in the every fields, providing equipment that has a reduced chance of cross-contamination for procedures and surgeries for patients.

## Why Is BioCote Better Than Other Antimicrobial Additives?

Products carrying the BioCote brand contain silver ion technology. This technology further enhances the performance and value of a product, whilst remaining technically compatible with its material and applications.

## What Is A Microbe?

A microbe is an organism so small you need a microscope to see it. Microbes include bacteria and fungi, such as Legionella, Campylobacter, Pseudomonas, Shigella, and Aspergillus Niger. Microbes can cause material stains, foul smelling odors, and reduce the autoclave's lifetime.



Unprotected

# Protection

of microbes by up to 99.99%

## The Facts

BioCote reduces the presence of microbes on a protected product by up to 99.99%.

BioCote acts fast and can reduce the number of bacteria on a protected product by up to 86% in 15 minutes and 99.5% in just 2 hours.

BioCote is permanent and provides built-in protection for the expected lifetime of your product.

BioCote provides continuous, around-the-clock protection against microbial colonization.

BioCote additives or products containing them do not cause antibiotic resistant bacteria.



## How Can I Get BioCote On Newmed Autoclave?

We have already incorporated BioCote antimicrobial technology into our 18-liter autoclave, providing an additional layer of protection against cross-contamination. This is especially important in environments where equipment may become contaminated due to the transfer of bacteria from one surface to another. Our autoclave, featuring BioCote technology, assures users that the equipment is designed to effectively control the presence of microorganisms.

## Will The Autoclave Look Change?

This innovative enhancement seamlessly integrates with the autoclave's existing structure, preserving its original appearance. So, you can enjoy the benefits of a cleaner environment without compromising on the autoclave's sleek and professional look.

# Sterilization Cycles

	B-Class		S-Class		N-Class
	6 L	18 L	6 L	18 L	6 L
Helix Test (min, steriliz. time: 3.5 min)	19	25	X	X	X
134°C Bowie–Dick Test (min, steriliz. time: 3.5 min)	19	25	35	28	X
Vacuum Test (min)	15	15	15	15	X
134°C Hollow Wrapped (min, steriliz. time: 5 min)	20	27	30	32	X
121°C Hollow Wrapped (min, steriliz. time: 18 min)	23	40	40	43	X
134°C Prion (min, steriliz. time: 20 min)	35	39	X	47	X
134°C Solids Wrapped (min, steriliz. time: 5 min)	20	22	X	29	X
134°C Porous (min, steriliz. time: 5 min)	25	32	35	43	X
121°C Porous (min, steriliz. time: 18 min)	38	45	45	53	X
134°C Hollow Open (min, steriliz. time: 5 min)	12	20	X	30	X
121°C Hollow Open (min, steriliz. time: 5 min)	25	X	X	X	X
134°C Solids Open (min, steriliz. time: 10 min)	12	X	X	X	40
121°C Solids Open (min, steriliz. time: 20 min)	25	X	X	X	56
121°C Solids Wrapped (min, steriliz. time: 18 min)	X	35	X	40	X
134°C Rapid (min, steriliz. time: 5 min)	X	19	27	23	25
121°C Rapid (min, steriliz. time: 18 min)	X	29	X	35	X

Note: Values include pre-heating and drying; times vary with load and power supply; X means not available.

# Technical Specifications

	6 L	18 L
Chamber Size (Ø x d)	170 x 265 mm	236 x 381.5 mm
Max. Load Quantity (B-Class)	1 kg instr. wrap. 1.8 kg instr. unwrap. 0.5 kg textiles	2.5 kg instr. wrap. 4 kg instr. unwrap. 1 kg textiles
Max. Load Quantity (S-Class)	1 kg instr. wrap. 1.8 kg instr. unwrap. 0.5 kg textiles	1 kg instr. wrap. 2.5 kg instr. unwrap. 0.5 kg textiles
Max. Load Quantity (N-Class)	1.5 kg instr. unwrap.	n/a
Device Dimensions (w x d x h)	B6: 450 x 590 x 345 mm 6 CR: 450 x 440 350 mm	505 x 615 x 400 mm
Door Clearance Space	B6: 350 mm 6 CR: 310 mm	350 mm
Minimum Support Depth	B6: 417 mm 6 CR: 340 mm	427 mm
Weight	B6: 42.5 kg 6 CR: 37 kg	52 kg
Power Supply	220 – 240 V 50 – 60 Hz	220 – 240 V 50 – 60 Hz
Power Consumption	B6: 2,500 W 6 CR: 1,500 W	2,400 W
Clean Water Tank Capacity	B6: 4 L 6 CR: not available	4 L
Used Water Tank Capacity	B6: 4 L 6 CR: not available	4 L
Tray Dimensions (w x d x h)	1x 150 x 240 x 19 mm 2x 115 x 240 x 19 mm	4x 185 x 285 x 18 mm
Standard Accessories Supplied	3x tray, 1x reversible rack, 1x tray holder, 1x sponge, factory tests, fill and drain tubes (plus 1x measuring cup and 1x external condensate water tank with 6 CR)	4x tray, 1x reversible rack, 1x tray holder, 1x sponge, factory tests, fill and drain tubes
Regulatory Compliance	Dir. 2014/68/EU (Pressure equipment directive) Dir. 2012/19/EU (Waste electrical and electronic equipment)	
Standards	EN 13060 (Small steam sterilizer) EN 61010-1 (Safety requirements) EN 61010-2-040 (Specific requirements for steam sterilizer) EN 61326-1 (Electromagnetic compatibility)	
Company Certifications	ISO 9001 ISO 13485	

Note: The autoclave is designed for utilization in foot care, cosmetic procedures, piercing, tattooing, and other non-medical applications. It is not a medical device according to 93/42/EEC or (EU) 2017/745 (MDR).



# Accessories

Complete your sterilization kit



## Osmo3

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

360 x 170 x 190 mm (w x d x h)  
2 kg



## AquaMed

A pair of cationic and anionic nuclear grade cartridges, to produce high quality demineralized water for 1 autoclaves.

280 x 140 x 330 mm (w x d x h)  
3 kg



## Perfect Water

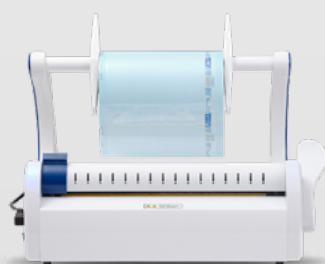
An electric water distillation system with the capacity to purify 1 liter of water per hour and a total water holding capacity of up to 4 liters.

230 x 360 mm (Ø x h)  
3.4 kg



## Green Control

Designed to gauge the water hardness intended for use in your autoclave, making it an ideal complement to our Perfect Water solution. Its notable features include a TDS meter measuring in parts per million (ppm), a conductivity meter measured in  $\mu\text{S}/\text{cm}$  and a temperature meter providing readings in both  $^{\circ}\text{C}$  and  $^{\circ}\text{F}$ .



## QuickSeal®

It ensures reliable sealing with a 12 x 300 mm sealing band and features status indicators, including an automatic safety cut-off to prevent equipment damage or burns. Plus, it is equipped with an integrated cutter for added convenience. Additionally, the roll holder can be conveniently wall-mounted for easy access.

400 x 370 x 440 mm (w x d x h)  
7.5 kg



## QuickClean®

It allows for customizable cycle run-times from 1 to 99 minutes and offers variable power settings to optimize performance according to your specific application and load type. Additionally, it features a fluid level sensor to maintain water levels throughout the cycle.

QC1: 4.5 L / 6 kg  
345 x 260 x 265 mm (w x d x h)

QC3: 12.5 L / 8 kg  
375 x 420 x 265 mm (w x d x h)

QC6: 25 L / 13.5 kg  
550 x 420 x 365 mm (w x d x h)



## STS Datalogger

To enhance your old Newmed-manufactured autoclave, our datalogger expedites the secure transfer of your sterilization data to your laptop. It includes a USB flash drive and a customized connection cable for seamless integration.



## Cabinet

Accommodate 60 L autoclave as well as others and it can serve as a storage solution. Featuring three removable shelves, a magnetic closure and built-in wheels make it portable.

655 x 850 x 785 mm (w x d x h)  
58 kg



## Pulcino

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

134 x 187 x 74 mm (w x d x h)  
1.2 kg



## Biological Indicator

To determine if conditions were met for microorganism removal.

10 indicators/pack



## Bowie-Dick Test

To detect adequate steam penetration in a porous load.

1 indicator/pack



## Helix Test

To monitor steam penetration into a lumen-type device.

1 helix + 250 indicators/pack



## Steam Process Test

To test sterilization conditions confirmed by color-change strip.

250 indicators/pack



## Steam Integrating Test

To verify the successful sterilization at temperatures of 134 and 121°C.

250 indicators/pack

# Autoclave Experts Since Forever

Made in Italy by

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