

Kronos Class B Sterilizer



NOW WITH OUR
EXCLUSIVE



QUIKSTEAM™

PATENTED TECHNOLOGY

UP TO
20%
FASTER*

Newmed

Meet the NEW Newmed Kronos Class B Sterilizer



Good looking and elegant on the outside, but reliable and uncomplicated on the inside, the Kronos B Class Sterilizer is your perfect partner for instrument processing in today's busy medical, dental and veterinary environments.

Stylish

Our Italian design provides sleek, stylish lines, to enhance the look of even the parts of your surgery unvisited by patients, whilst maintaining easily wipeable surfaces for decontamination and integral data capture for effortless record keeping.

Leading **QUIKSTEAM™** technology

Newmed is delighted to announce the launch of its new innovative, patented QuikSteam™ technology to its range of Class B tabletop sterilizers.

Thanks to the cutting edge research and development of our talented and experienced R&D engineers, all Kronos Class B sterilizers are now able to achieve Class B cycle times up to 20% faster,* with no extra cost to you.

The results are crystal clear. Kronos sterilizers fitted with QuikSteam™ technology also benefit from even lower energy consumption - truly focusing on saving your practice time and money.

Faster results

Our experienced, forward thinking team of engineers have taken the opportunity to design a sterilizer range with a faster

printer, faster door closure mechanism, improved data recording functions, a more intuitive user interface and more intelligent diagnostics to simplify maintenance procedures and maximize uptime.

Reliable

Whether you use your sterilizer all day every day or less frequently, the Newmed Kronos steam sterilizer is the reliable, cost effective unit for your practice, processing unwrapped instruments for immediate use or pouched items which can be stored until required*

Maximise throughput and efficiency

We recognise that the sterilizer is a crucial behind the scenes workhorse in your practice, providing a critical step in ensuring sterilized instruments are available on time for your next patient. Our rapid, pre-programmed cycles ensure rapid throughput and no bottlenecks in your instrument workflow.

Maximise Uptime

Our highly trained network of engineers can provide validation services, technical support, on-going training for your practice staff, routine maintenance and service back-up for your sterilizer, maximizing uptime of this vital step in your instrument processing cycle.

Optimum steam injection

Thanks to our first-rate combination of vacuum, pressure and temperature, the Kronos steam sterilizer offers first class steam penetration into every type of load. Our Class B cycle parameters are accurately monitored and controlled through every step of the cycle, ensuring maximal steam to



*Total cycle times subject to operating conditions.

*Maximum storage time depends on local regulations and best practices

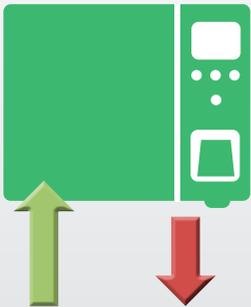
instrument contact and even temperature distribution, creating optimal conditions for sterilization. This ensures even the most difficult to reach areas of intricate and complex medical instruments are exposed to the right conditions for sterilization to occur. Our vacuum pulse at the end of the cycle also guarantees fast, effective and full drying of the load.

Water options

Good quality steam can only be produced if good quality water is used in its generation. That's why Kronos sterilizers offer a range of flexible water solutions to assist you in consistently feeding the unit with water of the desired quality.

Flexible water options

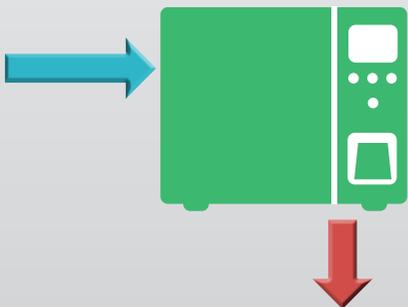
1. Manual feed in Manual drain out



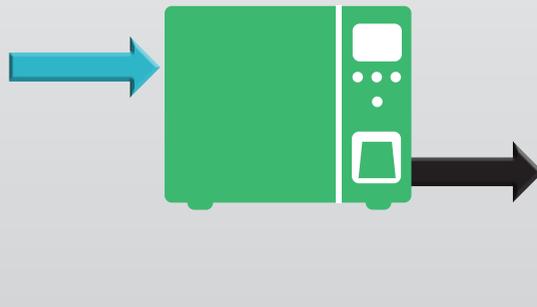
2. Manual feed in Auto drain out



3. Auto feed in Manual drain out



4. Auto feed in Auto drain out



How you choose to fill and drain your unit is entirely up to you, depending on your throughput and proximity to utilities.

Your unit can be completely stand alone

In this instance you fill the internal reservoir using the integral self priming pump. This reduces manual handling and spillage risk during filling and the reservoir holds enough water for up to 10 cycles.

There is also an internal tank which holds the dirty water until you are ready to empty it, again this is only necessary after several cycles.

Your unit can be permanently plumbed in

If you have your own treated water supply, you have the option to permanently plumb the unit in and connect to your practice drainage system. This further minimises the manual handling burden on your staff by eradicating the need to carry heavy water supplies to and from the unit.

Or you can combine the two

For example, manual water feed, with a plumbed in drain or a plumbed in water feed and a manual drain.

The choice is yours!

Chamber Sizes

The Kronos standard 18L chamber is ideal for general medical, dental and veterinary use in small and medium sized practices. Alternatively, consider the longer chambered 23L version, which still sits comfortably on a

standard work bench, but is perfect for higher throughput surgeries or for specialized procedures, where larger kits are used.

Also available in a small, conveniently sized 6L version, the Kronos range is sure to have a size to suit your requirements.

Standards

We know your standards are high and so are ours.

All our sterilizers are manufactured to EN 13060 and CE marked in accordance with the Medical Devices Directive. For the UK, they also meet the requirements of the HTM 01-05 guidelines.



Designed for optimal sterilization and maximum instrument life, thanks to our precise combination of vacuum, temperature and pressure



Never heard of Newmed?

Let us introduce ourselves - there is truly more to Newmed than meets the eye.

Founded in 2004, we are the Italian manufacturer of the now world-renowned Kronos line - famous for its reliability, rapid cycles and stylish Italian design.

World-renowned technology

Acquired by Midmark Corporation in 2010, Newmed became part of the Midmark family with a shared vision to create a better healthcare experience for everyone in all regions of the world.

Newmed sterilizers are known for their ease-of-use, reliability and low cost of ownership.

Today, Newmed manufactures high quality sterilizers that utilise modern, fast technology for medical, dental and veterinary practitioners globally.

Become part of the family

In partnership with Midmark, and with our now expanded international presence, we are growing our business and sharing our expertise and experience with the rest of the world.

We work with talented people, who know their local healthcare markets inside out and a network of highly trained distributors, who are as excited about Newmed as we are.

Visit www.newmedsrl.com and find out how you can become part of the Newmed family too.

Table of Cycles

Materials and instruments	Program	Total time*
Delicate hollow** and rustproof hollow (wrapped)	121° Hollow wrapped	28 minutes
Rustproof hollow (wrapped)	134° Hollow wrapped	15 minutes
Solid made of rubber and delicate solids (wrapped)	121° Hollow wrapped	28 minutes
Rustproof solid (wrapped)	134° Hollow wrapped	15 minutes
Rustproof solid and hollow (wrapped)	134° Prion	30 minutes
Delicate, hollow and porous (wrapped)	121° Porous	33 minutes
Solid, rustproof, hollow and porous (wrapped)	134° Porous	20 minutes
Solid made of rubber and delicate (unwrapped)	121° Rapid	22 minutes
Solid rubber (unwrapped)	134° Rapid	9 minutes
Hollow made of rubber and stainless steel (unwrapped)	134° Open hollow	9 minutes
Test Cycle for Helix and Bowie & Dick	134° Helix/B&D Test	7.5 minutes
Test Cycle for vacuum	<40° Vacuum Test	15 minutes

*Includes drying phase, excluding preheating. The preheating may vary depending on the size of the load.

**Type A and B hollow instruments, in accordance with EN 13060.

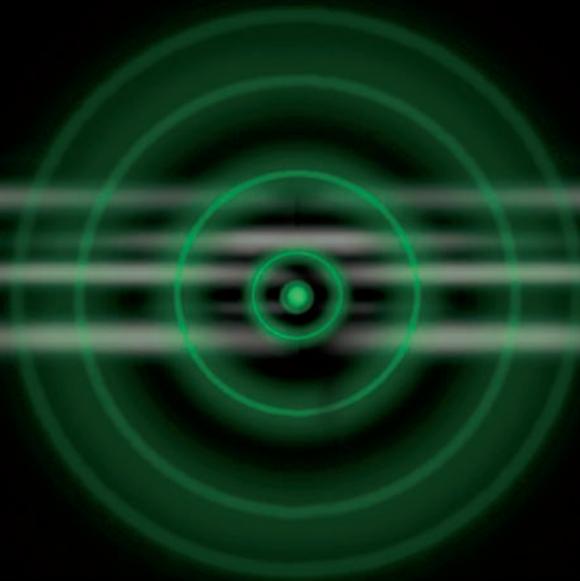
Dimensions

	Depth mm	Width mm	Height mm	Chamber depth mm	Weight (empty) Kg
B18	615	505	400	381	45
B23	690	505	400	530	50

The Kronos Class B is in compliance with:

93/42/CEE	Medical Device Directive (MDD)
97/23/CEE	Pressure equipment Directive (PED)
2002/96/CEE	Waste Electrical and Electronic Equipment (WEEE)
EN 13060	Small steam steriliser
IEC 61010-1	Safety requirements for electrical equipment for measurement, control and laboratory use, general requirements
IEC 61010-2-040	Safety requirements for electrical equipment for measurement, control and laboratory use, particular requirements for autoclaves using steam for the treatment of medical materials and for laboratory processes
EN 61326	Electrical equipment for measurement, control and laboratory use: EMC requirements





www.newmedsrl.com

Newmed srl - a Midmark Company, Via Lenin 79/A
42020 Quattro Castella, Reggio Emilia, Italy.

Tel: +39 0522 875 166 Fax: +39 0522 243 096
newmed.sales@midmark.com

CE 0051

Newmed