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Medisafe®

LEADING TECHNOLOGY IN STERILIZATION

E9 RECORDER • E9 MED • E5







FAST, EFFICIENT, USER-FRIENDLY B TYPE VACUUM AND NON-VACUUM AUTOCLAVES

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EURONDA

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E9 MED (MED1960)

E9 Med (18 Ltr “B” Type Vacuum Autoclave) is operated by a process controller which assists you in the daily use of the autoclave and advises when it’s time to carry out the required maintenance, all accessible through the simple and intuitive interactive menu.

All sterilization cycles are B type, conforming to the EN13060 regulations. This ensures that all wrapped instruments (solid, hollow and porous) are sterilized correctly and in total safety. Standard, Prion and Rapid cycles are available to choose from.



- Suitable for Solid, Porous and Hollow instruments
- Integrated Thermal Printer
- LCD Display
- One Touch Operation
- 3 / 4 Tray system
- Easy Access water chamber

The E9 Med is manufactured with an **air-water separator**, a device which reduces the strain of the vacuum pump making it more reliable – and giving a longer lifespan.

Quick Inspection® System

Thanks to the quick inspection system, the water tanks can be cleaned easily and efficiently by the user, meaning the sterilization water is of high purity and guarantees a quality vapour for sterilization

Traceability

The E9 MED also boasts an Integrated Thermal Printer, supplying data of the cycle and its result, the date, and the name of the operator. Integrated traceability ensures your compliance with HTM regulations, accurate management of instruments and no essential requirement for add on products. There is however, an option of upgrading to a data logger for file management on your PC.

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E9 RECORDER (MED1950)

The E9 Recorder achieves exceptional levels of sterilization combining minimum noise and ultra-low consumptions. All 5 types of “B” class cycles conform to EN13060 requirements, and utilise devices such as a Dirt Control System and an Air Water Separator, giving an efficient result every time and extending the life of the unit.

Featuring a luminous progress bar in the handle which changes colour through the cycle, and a state of the art touch screen, the E9 Recorder is extremely easy to use and enables the user to check the status of a cycle at a glance.



- Suitable for Solid, Porous and Hollow instruments
- Integrated Data Logger
- Integrated Label Printer
  Easy Touch Screen Display
- Luminous Progress Display in Handle
- Front Ventilation – for flush recessing
- 3 / 5 Tray System

Fast cycle times are important, while maintaining the highest level of sterilization, and are achieved with the **E9 Recorder.** A full 4.5 kg load on a 134 standard cycle, is completed in just 41 min – including drying.

Eye catching design

The E9 Recorder has an eye catching design, solid and compact in shape, with easy visual controls. It has been developed with a front ventilation system, enabling the unit to be recessed and flush mounted against walls

The E9 Recorder has been manufactured with easy maintenance in mind. All panels are easily removed to access critical areas, and the water tank system is quick and easy to clean and inspect to ensure the highest level of water purity, and keep maintenance costs to a minimum.

Traceability

Traceability is in abundance with this unit. An Integrated Data Logger SD Card, and Thermal Label Printer give the user complete peace of mind with record storage and the ability to physically track sterilized packages. The E9 Recorder also has a Wi-Fi capability available for customers wishing to download records using a wireless function.

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INFORMATION FOR THE INSTALLATION	E9 Med - 18 ltr	E9 Med - 24 ltr
External dimensions	450 x 445 x 610 mm (LxHxD)	
Weight (empty water tanks and chamber)	40 kg	42kg
Support panel weight (full chamber and water tanks)	3,07 kg/cm² (301210N/m²)	3,21 kg/cm² (315384N/m²)
Tension	230 V	
Frequency	50/60 Hz	
Absorbed power	1400 W - 6 A	1800 W - 8 A
Range	- Internal use - Altitude a 2000 m - Temperature: +5 +40C - Relative humidity Max 85% - Max variation of tension: 10% - Installation category II - Polluting level 2	
USER INFORMATION		
Dimensions and volume of chamber	250 x 340 mm (øxD) - 18 ltr	250 x 440 mm (øxD) - 24 ltr
Usable space dimensions	180 x 160 x 282 mm (LxHxD) - 8 ltr	180 x 160 x 382 mm (LxHxD) - 11 ltr
Volume of water used	0,6 ltr	
Capacity of water tanks (cleaned and used water)	4 ltr	
SAFETY INFORMATION		
Medium noise level	< 50 db	

SAFETY DEVICES
- Protection from short-circuit
- Protection from overheating
- Protection from over pressure
- Protection from accidental door opening
- Process evaluation system
- Self diagnostic system in real time

DOCUMENTATION
- User manual
- Declaration of conformity of chamber
- Declaration of conformity of autoclave
- Warranty certificate, 2 years or 1.500 cycles
- Installation table
- Service booklet

CONFORMS TO UNIFIED NORMS
- EN 13060
- EN ISO 14971
- EN 61010-1
- EN 61010-2-040
- EN 61326
- EN 13445

CERTIFICATIONS
- Autoclave E9 Med
- Conforms to Directive:
- 93/42/EEC and subsequent amendment 2004/47/EC
- Class IIa medical device
- Chamber conforms to the Directive
- 97/23/CEE
- Company certifications:
- ISO 9001
- ISO 13485

TECHNICAL DATA	E9 RECORDER - 18 L	E9 RECORDER - 24 L
Overall dimensions	460 x 455 x 610 mm (l x h x d)	
Weight (machine empty with basket and trays)	43 kg	46 kg
Power supply	230 v 50/60 hz	
Absorbed current (output)	2300 w 10A	2400 w 10A
Operating temperature	+5 - +40°c	
Operating altitude (leaving the loading cap free)	≤ 2000 m s.l.m	
Minimum depth of the support surface	500 mm	
Minimum width of the support surface	460 mm	
Minimum space above the tank	0 mm leaving the loading cap free	
Noise level	50 db	
Weight per support area (tank full and chamber with maximum load)	43 kg +9 kg = 52 kg load on each foot: 10,4 kg	46 kg +9 kg = 55 kg load on each foot: 11 kg
Operating range	- indoor use - relative humidity 85% - maximum line-voltage deviation ±10% - installation category II - pollution level 2	
Chamber measurements and volume	250x340 mm ØxD	250x440 mmØxD
Dimension and volume	180x280x160 mm LxDxH	180x380x160 mm LxDxH
Water consumption volume	300 ml	
Tank capacity(clean water and used water)	4 litres	

SAFETY DEVICES
- Short-circuit protections
- Overheating protections
- Overpressure protection
- Accidental door opening protections
- Process appraisal system
- Real-time self-diagnostic system

COMPLIANCE WITH HARMONISED STANDARDS
- EN 13060
- EN ISO 14971
- EN 61010-1
- EN 61010-2-040
- EN 61326
- EN 13445

CERTIFICATION INFORMATION
- E9 Recorder Autoclave compliant with Directive 93/42/EC and addenda.
- Class IIb device
- Chamber compliant with PED Directive 97/23/EC
- Company certifi cation:
ISO 9001
ISO 13485

DOCUMENTATION
- User Manual
- Declaration of conformity Chamber
- Declaration of conformity autoclave
- Warranty Certifi cate 2 years or 1,500 cycles
- Installation chart

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E5 - Non-Vacuum

The E5 class N autoclave is a completely automatic, microprocessor controlled electronic autoclave. Operating with a Thermodynamic method, it also has an innovative pressure and temperature control. It comes equipped with two pre-set sterilization programs: 121° C and 134° C and 15 minutes thermic drying time

Door opening/closing safety mechanism with dual safety microswitch. Anti-reflow separated tanks, analogical pressure gauge, synoptic advancement cycle. Pressed stainless steel chamber PED certified.



- Completely automatic
- Anti-reflow separated tanks
- Analogical pressure gauge
- Innovative temperature control
- Synoptic advancement cycle
- Pressed stainless steel chamber PED certified.
- Capacity - 18 litres
- Dimensions:
  450x385x500 mm (LxHxD)

Medisafe PICO evo XXL - washer disinfector

An evolution of 10 years' experience that combines the demands of latest legislation and practical know how, to clean, disinfect and dry your general dental instruments with the fastest and most efficient cycle yet!

- 45 minute cycle
- One touch start
- Standard main power
- No venting (internal condenser)
- Auto dosing
- Water balance system
- Twin spray arms
- HTM01-05, EN ISO 15883 compliant



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Daily Steam Penetration Test

Valisafe Bowie Dick Test

The Valisafe Bowie Dick Test is a pre-assembled, disposable test pack for detection of defects in the sterilization process. It contains a large chemical indicator inside, which once the process is complete is removed from the pack and kept for your records.



B&D Test Pack	V3501020	x20

EN867 Helix Device

Mimics air trapped within a hollow load and is made up of a length of tube attached to a small air tight container that holds a steam sensitive indicator. A successful process will remove air from the tube and then the container, allowing steam to contact the indicator – causing a colour change reaction.

- Compatible with 'B' type autoclaves
- Indicator with self adhesive backing for easy documentation
- Easy to use – easy to interpret

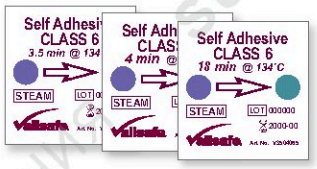


Helix	V3502034	1 Helix +250 indicators

Class 6, self adhesive indicator

The Class 6 indicator offers the highest level of proof of achievement of sterility assurance in your trays.

- NEW self adhesive indicators
- Easy to use & record; just peel off the back and stick inside your log book
- Monitors critical paraters for sterilisation; time, temperature & Steam



To be used in conjunction with the Load Check

Class 6, 3.5 min	V3504065	x250v

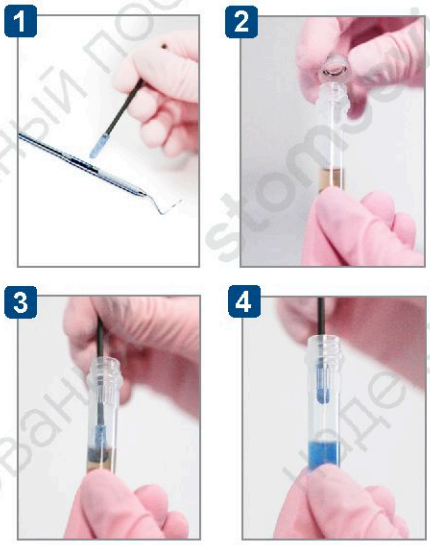
Weekly Protein Residue Test

Denta-Check

A test performed before your sterilization process to ensure your instruments are completely free of blood and saliva (forms of protein).
This prevents cross contamination.

- Accurate results in 10 seconds
- Easy to use
- Clear colour change
- No incubation required
- No test more sensitive
- Cost effective
- Shelf life up to 2 years
- Control test included to ensure the batch has not been compromised





order details:	V3505095	Denta-Check	10 vials & short swabs+ 1 positive control test

Did you know? Easy to use, this weekly test confirms that your cleaning process retains the capability of removing protein.

Monthly/Quarterly Soil Test

Result	Assessment	Action needed
	Reference indicator. Test soil spot completely visible	
	Insufficient cleaning process:	
	Spot of test soil completely visible	Do not release batch
	Spot of test soil visible	Check wash, temperature, dosage and time
	Spot of test soil visible	Repeat test
	Spot of test soil slightly visible	In case of repeated insufficient cleaning process: Call service technician
	Successful cleaning process:	
	Spot of test soil completely removed	Release batch. No further action needed



The PCD (Process Challenge Device) & CEI (Cleaning Efficacy Indicator) kit has been designed to closely replicate a hard-to-clean dirty instrument.

- Easy to use – place CEI in PCD & load into full machine
- Easy to read – visual inspection that soil has been removed
- Quarterly as requested by HTM 01-05 unless stated otherwise by your Manufacturer – for the entire Pico range if you have a PAYGo service this test is required monthly.

Did you know?...This is a visual indicator that helps you to identify that the load has been cleaned efficiently and can be used as a daily check. We use materials to closely replicate your dirty instruments using sheeps blood and additives layered onto a stainless steel plate. Therefore recreating your dirty instrument

order details:	PCD Kit 1 PCD & 12 CEI tests M20230	Valisafe replacement CEI x12 V3502082	Valisafe replacement CEI x50 V3502080

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