

Instrument decontamination in veterinary clinic



New: Vacuvet® 23 B+

Quality – made in Germany

Your tasks. Our solutions.

MELAG - a strong partner by your side

Would you like to save time and money in instrument decontamination? As an owner-operated family company founded in 1951, we specialize in products aiming at optimized hygiene workflows. Get an overview of our advantages:



Experience:
Specialization
since 1951



Trust:
Over 500,000 units
sold worldwide



Quality:
Made in Germany



Innovation:
450 specialized
employees

Our priority is your satisfaction:



„Using MELAG technology for instrument decontamination enables us to provide our most faithful friends, the pets, with the highest hygiene standards.“

Animalogic Veterinary Clinic
Spain



„The animals and their owners have top priority. We rely on the MELAG System incorporating Cliniclave® 45 to meet their needs for infection control.“

AniCura Small Animal Specialists
Germany



„The MELAG System Solution offers perfect workflows for a time- and cost-saving decontamination process.“

Clinica Veterinaria CMV
Italy

The MELAG System Solution

Your one-stop provider for instrument decontamination

The MELAG System Solution guarantees the highest levels of safety and efficiency. Take advantage of our aligned products to cover all steps of the instrument decontamination process in a veterinary clinic:

- 1 Cleaning and disinfection**
represent the basis for successful decontamination of your instruments. A washer-disinfector reduces your workload and provides the safest-possible procedure for the protection of animals and personnel alike.
- 2 Packaging**
of surgical instruments is performed by using a sealing device or sterilization containers. Diagnostic instruments can be approved and re-used for treatment directly after decontamination with a washer-disinfector.*
- 3 Sterilization**
results in the complete inactivation of all micro-organisms. Due to the higher reliability, the sterilization with saturated steam at 134 degrees Celsius is recommended.
- 4 Documentation and approval**
ensure the proof of an error-free hygiene process. Our tamper-proof log files permit complete traceability from the instrument application to decontamination batch in a safe and easy way.



*Please comply with national standards.



Cleaning and disinfection

The washer-disinfector: The boost for your workflow.

The instruments have significant material value in your veterinary clinic. Automated cleaning and disinfection with a washer-disinfector is the most efficient and safe procedure for instrument decontamination of your valuable instruments. Benefit from these advantages while protecting animals and personnel:



Efficiency:
Time- and cost-saving workflows permit efficient staff deployment



Safety:
Maximum working safety through minimal contact with contaminated instruments



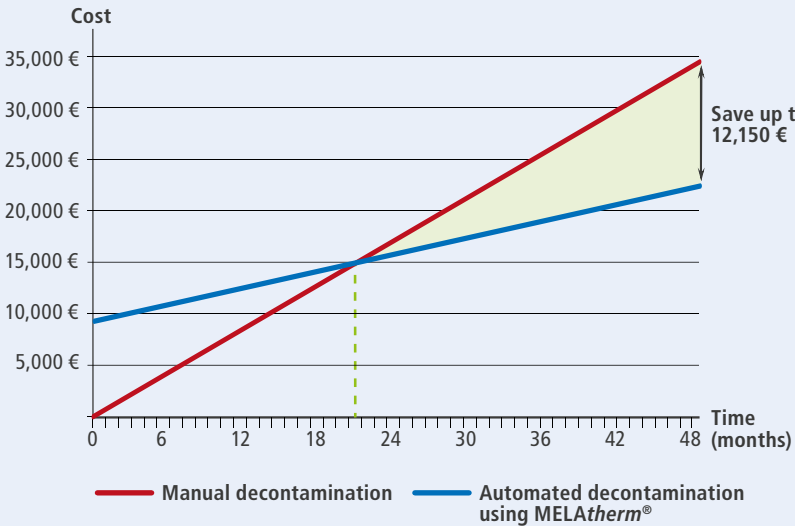
Transparency:
Documentation and reproducibility of the decontamination process guarantee quality assurance



Process optimization:
Immediate availability of diagnostic instruments after automated cleaning and disinfection*



Break even after only 21 months with MELAtherm®:
Afterwards you save up to 12,150 € in approx. 2 years!



Number of working days per month	21
Cycles per day	2
Hourly wage of staff**	16.00 €
Cost of disinfection bath	1.50 €
Costs of process agents, electricity, water	1.10 €
Working time for manual decontamination (h)	1
Working time for automated decontamination (h)	0.25

Cost per decontamination cycle (manual)	17.50 €
Cost per decontamination cycle (automated)	5.10 €

Acquisition cost MELAtherm®	9,000.00 €
Interest rate	2.0 %
Maintenance and service per month	65.00 €

Costs per month (manual)	735.00 €
Costs per month (automated)	294.20 €

*Please comply with national standards **Salary for veterinary personnel in Germany: www.gehalt.de

The MELAG washer-disinfectors

These advantages are unique.

Cutting-edge technology for a superior workflow in your veterinary clinic: MELAtherm® 10 and MELAtherm® 10 Evolution provide unique product highlights for automated cleaning and disinfection of instruments:

MELAtherm® 10

The product highlights at no extra cost:

- ✓ Active drying
- ✓ Space-saving drawer with integrated metering module and process agents
- ✓ Integrated documentation interfaces
- ✓ Practice-optimized washing chamber

NEW

MELAtherm® 10 Evolution

provides additional new and unique innovations:

- ⊕ Large Smart-Touch Display with video tutorials
- ⊕ Batch approval via ProControl on the device
- ⊕ AquaBoost Technology for even better cleaning results
- ⊕ Remote monitoring via MELAconnect App

The product highlights of MELAtherm® 10 and MELAtherm® 10 Evolution:



Active interior and exterior drying

The active drying protects the instruments against corrosion, recontamination and damage.



Documentation interfaces

With an integrated CF card slot and two network interfaces, you can save the log files in a paper-less way.



Practice-optimized washing chamber

The chamber concept with its various accessories ensures individual load and low cycle cost of about 1.10 €.*

*for electricity, water and process agents in Germany.

Sealing and packaging

Sterile remains sterile.

Packaging surgical instruments before steam sterilization, either as a set in containers or individually in pouches using a sealing device, protects your sterilized instruments against recontamination.

Our practical tips for a reliable packaging process:

- Check and care instruments in accordance with manufacturer's specifications before packaging.
- The hinges of instruments must be opened slightly for proper sterilization.
- The use of protective caps on sharp instruments prevents damage of sterilization pouches.
- Sterilization pouches may be filled up to 75 % with a maximum weight of 3 kg.

The sealing device MELAseal® 100+ is unique in price and performance.
Discover the product advantages for the packaging process in a veterinary clinic:

- ✓ Short pre-heating and sealing times guarantee **quick sealing processes**
- ✓ Compact dimensions take up a **minimum amount of space on your worktop**
- ✓ Acoustic and visual signals ensure the proper **monitoring of the sealing time and temperature**
- ✓ Easy to use operating concept **avoids malfunctions**
- ✓ Maintenance-free operation **eliminates service costs**



Are you looking to improve your workflow even further?

Then why not enhance the efficiency and quality of your packaging process with MELAstore®. The MELAG wash trays and sterilization containers provide increased standardization to save time in the packaging of instrument sets and to reduce material costs and practice waste through a significantly lower need for sterilization packaging.



Learn more about the advantages of the MELAstore® System in our video:
www.melag.com/en/multimedia

Sterilization

As versatile as your needs: Our autoclaves.

The decontamination process in a veterinary context is as varied as your treatments offered. Use a Class S or Class B autoclave to match the sterilization process to your individual clinic requirements and your instruments.

With a fractionated vacuum procedure, Class B autoclaves provide the safest method for sterilizing all packaged and unpackaged medical devices - irrespectively of the type and complexity of your instruments.

Discover the product advantages and benefit from our wide range of accessories:



Water treatment:
MELAdem® for automated supply with demineralized water



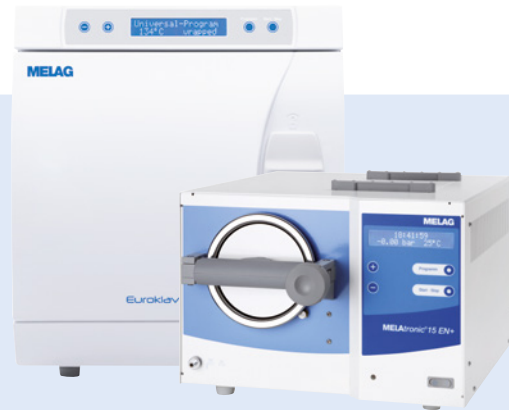
Mount:
A range of insert racks for individual load configurations



Documentation:
Interfaces and accessories for log transfer and printing



Routine checks:
MELAcontrol® for reliable check of the sterilization process



The basic autoclaves

The Class S autoclaves of the Euroklav® and MELAtronic® series provide everything you need for the economical decontamination of solid and simple hollow body instruments (e.g. hinged instruments such as scissors, clamps and needle holders).



The vet autoclave

The sturdy Vacuвет® 23 B+ Class B autoclave is perfectly suited to the high levels of sterilization quality required in a veterinary clinic. Find out more about its short sterilization times, simple operation and reliable documentation concept on the following pages.



The premium autoclaves

Large veterinary clinics place especially high requirements on the sterilization of large quantities of instruments: The Premium-Class Evolution and Cliniclave® series convince with record sterilization times, high loading capacities, intuitive operation using the XXL colour-touch display and an interface to the MELAconnect App.

High loading capacities and quick cycle times ensure smooth workflows for our 24-hour veterinary service.

Clinica Veterinaria CMV





Vacu vet® 23 B+

Quality - you can rely on.

Decades of experience in conjunction with the specialized expertise in infection control guarantee our most reliable solution for steam sterilization: Vacu vet® 23 B+ combines durable and sturdy technology with ease-of-use. Discover the product highlights aligned to the requirements in veterinary clinics:



Are you looking for a safe and reliable autoclave with a long life-span? Follow the example of 500,000 practices and clinics throughout the world and take advantage of the superior MELAG quality - made in Germany.



Short cycle times and effective vacuum drying ensure the safe sterilization of all your instruments. Our aligned accessories make for optimal loading of the autoclave with up to 5 kg of instruments.



Vacu vet® 23 B+ monitors all relevant process parameters using a highly precise microprocessor control to ensure highest safety. The program logs provide legal certainty and are saved via CF card, network connection or printer.



One autoclave – Two systems: With integrated water storage containers and an efficient air-cooling, the stand-alone concept make the autoclave completely independent of location and easy to install. The use of an additional MELAG water treatment unit ensures a fully automatic and time-saving water supply.

i The steam sterilizer is conceived for use in a veterinary context only. It is not a medical device as defined by 93/42/EEC or EU 2017/745 and thus has not been approved for use in a human medical context.

Documentation and approval

Stay on the safe side.

MELAtrace® Pro and MELAtrace® comply with the legal requirements for complete documentation in an easy, safe and paper-less way. The intuitive MELAG software solutions **connect the steps of cleaning, disinfection and wrapping with sterilization in a breeze.**

Just a few clicks are required to provide the batches with approval and to archive the program logs as well as all approval decisions in a **tamper-proof decontamination report as a PDF file.**

An additional MELAprint® 60 generates bar code labels for marking the wrapped instruments. After application of the instrument, you are able to transfer batch information directly from the bar code label into the patient records in order to ensure a **complete traceability.**



Practice Tips

for a complete prove of an error-free decontamination workflow:



Store all decontamination documentation for a minimum of 5 years. For liability reasons, even a period of 30 years is recommended.



In view of these long record retention periods, the documentation is supposed to be saved on digital data carriers.



After using the instrument, please transfer the label or batch number into the patient record or clinic software.

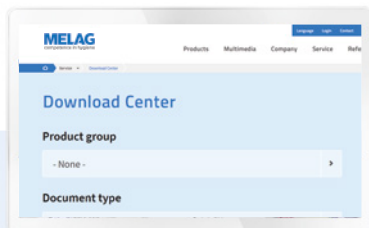


MELAdoc® System

MELAdoc® documentation sheets and label printer provide an alternative solution for the approval procedure in paper-form.

Our Digital Tools

Smart workflows in instrument decontamination.



Download Center

Retrieve MELAG documents anywhere and at any time:



www.melag.com/en/service/downloadcenter

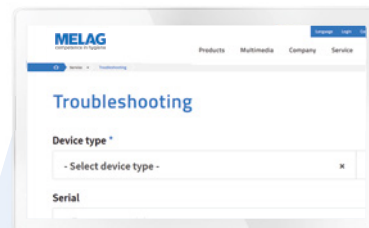


Multimedia

Learn from more than 300 videos about safe instrument decontamination:



www.melag.com/en/multimedia



Troubleshooting

Enter malfunction numbers to access immediate solutions:



www.melag.com/en/service/troubleshooting



For the safety of our best friends:

Do you have any questions about the correct instrument decontamination procedure required in a veterinary clinic? Simply contact our Hygiene Experts in your country: The MELAG partners are keen resolving individual questions in your clinic or via an online Live-Demo.

For further information, please visit: www.melag.com

MELAG
competence in hygiene