

# HYGIENE

**WORKING SAFELY  
AND PROTECTING  
HEALTH\***

**\* CONTENT ON THE BASIS  
OF GERMAN LEGISLATION**

# STAYING HEALTHY WITH A SYSTEM

**HEALTH IS VALUABLE** – and safe hygiene measures make an important contribution to this. The right products and their proper use protect your customers, your staff and yourself from infection. You can rely on GEHWOL. GEHWOL TECH equips your hygiene line with high-quality devices and accessories that enable safe, systematic and convenient hygienic reprocessing. At GEHWOL ACADEMY, we bring your knowledge and skills in the field of hygiene up to date.

By the way: High hygiene standards are also a successful argument for gaining new business and retaining existing customers.



## CAUTION: FUNGI, VIRUSES AND BACTERIA!

In the foot care practice, pathogens are transmitted via the hands, by instruments or via surfaces (such as the treatment chair). Bacterial infections include staphylococci (pyogenic pathogens, MRSA), while dermatophytes cause skin and nail fungal infections.

Wart viruses are passed on via skin contact. Other viruses, such as HIV or HBV, only enter the body via the bloodstream.

**LAWS AND GUIDELINES OR RECOMMENDATIONS** from leading medical research institutions such as the Robert Koch Institute constitute the basis for safe hygiene measures before, during and after treatment. In addition to disinfection of hands and surfaces along with antiseptic treatment of the skin and wounds, hygienic reprocessing of medical devices is also important. Here, the risk classification of your instruments determines whether the reprocessing path from pre-cleaning to disinfection is sufficient, or whether it should include sterilization followed by autoclaving and packaging.

GEHWOL supports you right from the beginning, with perfectly coordinated products for disinfection, cleaning and care which you can buy from your personal GEHWOL contact or the GEHWOL online store.



# HYGIENE

## LAWS AND GUIDELINES

### ▶ INFECTIOUS DISEASES ACT (IFSG)

§1(1) “The purpose of the Act is to prevent communicable diseases in humans, detect infections at an early stage, and prevent them from spreading.”

### ▶ ROBERT KOCH INSTITUTE (RKI)

Publishes recommendations of the Commission for Hospital Hygiene and Infection Prevention (KRINKO [Kommission für Krankenhaushygiene und Infektionsprävention]) “on the prevention of nosocomial infections and operational/organizational as well as structural/functional hygiene measures”, taking current infection epidemiological evaluations into account.

### ▶ EU MEDICAL DEVICES REGULATION (MDR)

Contains provisions for the contents of technical documentation and for the clinical evaluation of medical devices, along with requirements applicable to manufacturers when marketing medical devices in the European Economic Area.

### ▶ MEDICAL DEVICES OPERATING REGULATION (MPBetreibV)

Applies to activities associated with the operation and use of medical devices such as set-up, readiness, maintenance, reprocessing, as well as safety and metrological inspections.



# PROTECTING

## YOURSELF AND OTHERS

### PPE - YOUR PERSONAL PROTECTIVE EQUIPMENT

Both during treatment and when reprocessing your medical devices, you should wear puncture-proof disposable gloves made of latex, vinyl or preferably nitrile, since it carries the lowest risk of allergies (as recommended by the employers’ liability insurance association).

**Attention: Disposable gloves are not a substitute for thorough hand disinfection.**

Complete personal protective equipment (PPE) also includes a mouth and nose mask, disinfectable safety goggles, and a moisture-repellent apron to protect you from hazardous substances such as chemicals and infectious materials. You should take into account that dirt and grinding dust with pathogenic germs will be distributed in the room. The employers’ liability insurance association therefore recommends wearing an FFP-2 mask during treatment. Compared to mouth and nose protection, this not only serves to protect others, but primarily to protect yourself from harmful pathogens and aerosols. Wearing a head covering during treatment is optional and recommended to reduce the spread of microorganisms.

**Ideally, you should use a powerful extraction system that immediately suctions away contaminated sanding dust with pinpoint accuracy. Grinding dust can also be reduced by binding fine spray mist using wet technology.**



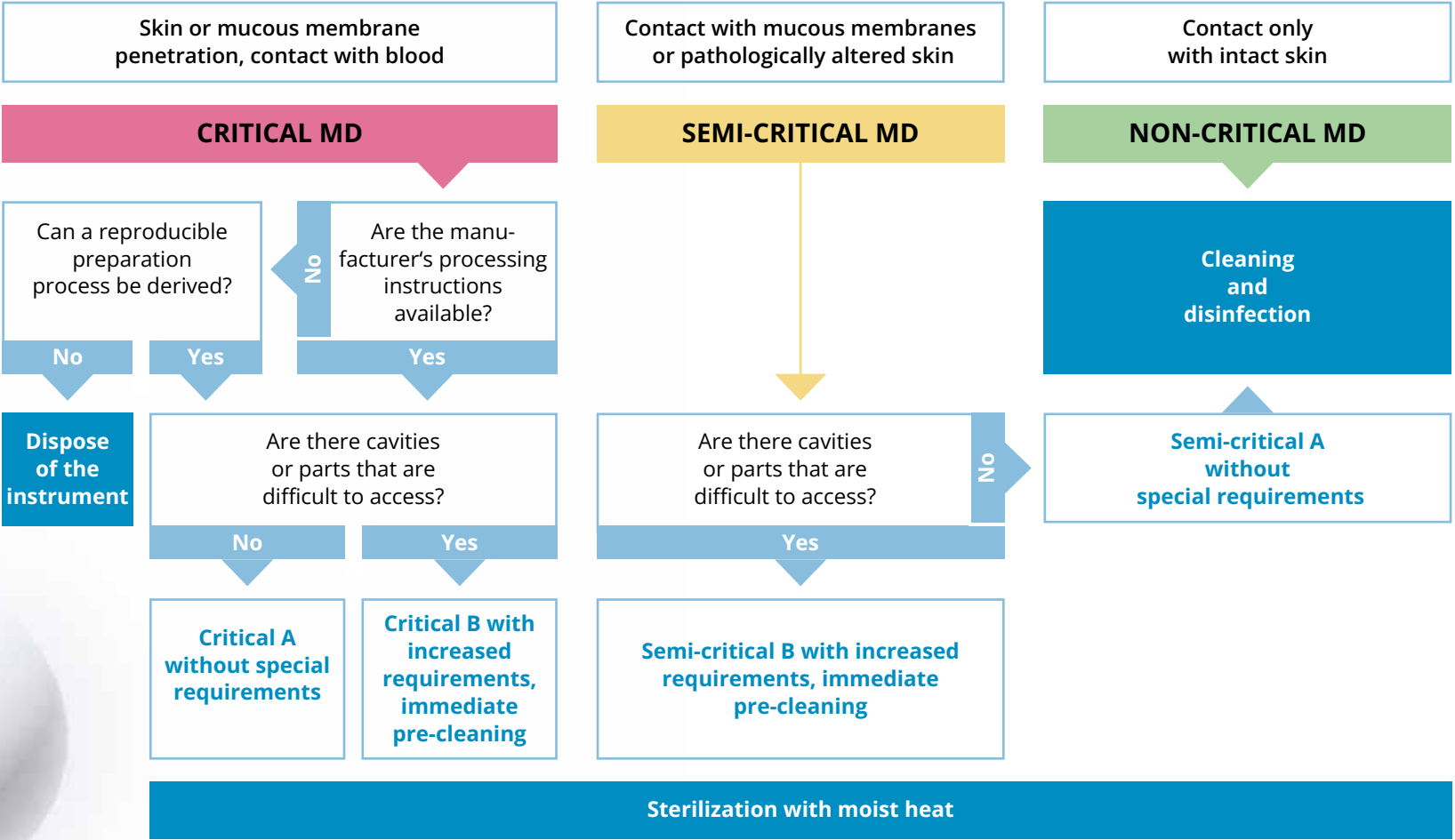


# CRITICAL OR NOT?

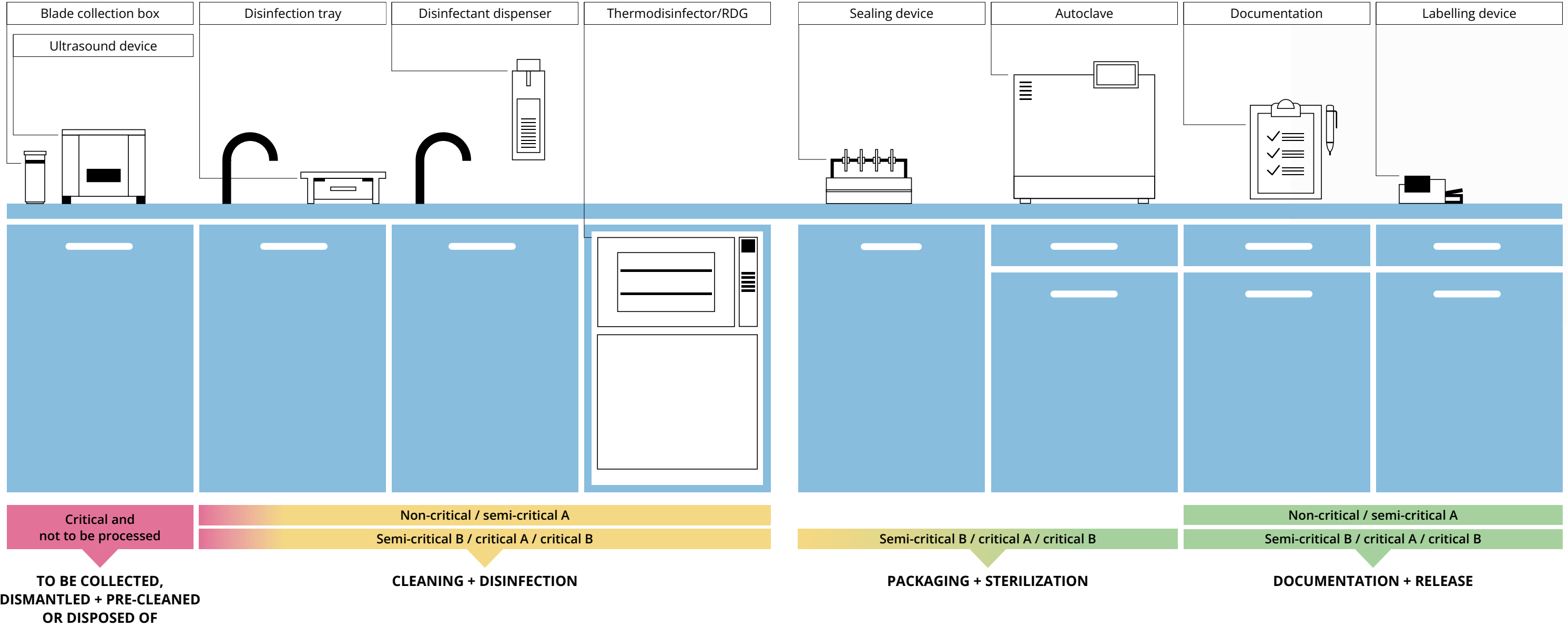
**THE WAY IN WHICH YOUR INSTRUMENTS MUST BE HYGIENICALLY PROCESSED FOR REUSE** depends on the use and the potential for infection. Devices that come into direct contact with skin, mucous membranes or blood and/or have cavities are particularly critical. Follow the risk classification schedule to classify them as non-critical, semi-critical or critical medical devices and derive the correct reprocessing method.

If you are not sure of the correct risk class for a medical device, select the next higher, safer level.

## RISK CLASSIFICATION OF MEDICAL DEVICES



# PROCESSING ALONG THE HYGIENE ROUTE



# PROCESSING

## STEPS

1

### TO BE COLLECTED, DISMANTLED + PRE-CLEANED OR DISPOSED OF

Disassemble used instruments as far as possible and remove coarse soiling manually with a plastic brush under running water. Disposable products (such as blades or abrasive caps) must be properly removed and disposed of. Pay attention to your safety when doing so. For blades, we recommend a **blade remover** and the **blade collector box 500** or the **scalpel blade remover and collector** combined.

2

### CLEANING

Ideally, clean the medical devices in an ultrasonic bath with a suitable cleaning agent - preferably an enzymatic cleaner. Ultrasonic waves create small vacuum bubbles (cavitation) in the liquid, which implode and release energy. This detaches dirt even from hard-to-reach areas and fine-pored materials. Always follow the

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### INTERIM RINSING

Carry out the interim rinse with cold water. Be particularly careful to avoid interactions caused by adhering residues of the cleaning concentrate or solution. Allow the instruments to drip dry in order to dilute the disinfectant solution as little as possible.

manufacturer's instructions when preparing the cleaning solution, as well as with the exposure time and service life. GEHWOL offers three different models: **Podo Med 3**, **GERLACH Podo Med 1** and **Elmasonic Med 60**.

Check the functional performance of the ultrasonic bath regularly with a **foil test**. This test reveals the distribution and intensity of the cavitation bubbles in the ultrasonic bath.

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### DISINFECTION

Place the disinfectant solution in the disinfection tray in accordance with the instructions. Place the instruments into the solution tray next to each other with the joints open. Always adhere to the manufacturer's instructions regarding exposure and service life. If the exposure time is exceeded, this does not affect the disinfectant effect, but may attack the material of the instruments in the long term.

### BODE DISINFECTION TRAY

The tray and its robust PVC strainer insert is ideal for preparing disinfectant baths. Due to its integrated recessed grips, the tub can be handled safely.

- For preparing disinfectant baths
- Tub and strainer insert made of sturdy PVC
- Safe handling with integrated recessed grips

**Dimensions (W x H x D):** 300 x 110 x 200 mm

**Fill volume:** 3 liters

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### FINAL RINSE WITH DRYING

The final rinse should also be performed using cold water. Take the greatest possible care when doing so, since disinfectant residues can damage the material during the subsequent processing process. Tear-resistant paper towels or drying with a compressed air gun are suitable methods of drying the instruments.





# PRE-CLEANING, INTERMEDIATE RINSING, DISINFECTION, FINAL RINSING AND DRYING ALL IN ONE

## FARO THERMODISINFECTORS

A washing and disinfecting device saves time during processing and reduces user errors. Our devices can be validated and guarantee high, reproducible quality when cleaning and disinfecting medical devices. Cleaning and disinfectant solutions can be individually and precisely dosed; even hard-to-reach cavities are dried quickly and reliably using hot air. All relevant parameters for performance monitoring can be documented via USB interfaces.

Only use the washing and disinfection device after obtaining personnel training and instruction in order to achieve optimum results and avoid loading errors (such as rinsing shadows). Ensure that performance function is verified by carrying out regular tests in accordance with the appliance manufacturer's specifications.

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## FARO THERMOCARE 65

This 5-in-1 device guarantees automatic, safe and efficient cleaning.

It is available as an under-counter (UTV) and table-top version (ATV) and complies with the international DIN EN ISO 15883-1, -2 and -5 standards for washing and disinfection devices.

- Under-counter and table-top devices for fast, reliable preparation without loss of quality and with low consumption
- Touchscreen control system with large colour graphic display - 4" LCD colour display
- 5 preset operating programs, 40 customizable programs
- Data transfer via USB and RS232 interfaces
- Monitoring of rinsing pressure
- Active DryMax hot air drying and HEPA H14 air drying filter for optimum drying results
- Flow rate controlled dosing pumps
- Integrated water softener
- Class IIa medical device
- Complies with the international DIN EN ISO 15883-1, -2 and -5 standards for washing and disinfection devices

**Dimensions (W x H x D):** 595 x 820 x 520 mm

**Chamber volume:** 65 Liter

**Power supply:** 230 V, 50 Hz

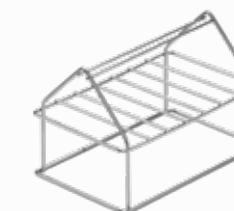
**Power consumption:** 3,9 kW

### Additional multifunction device:

- Miele PG 8582 washing and disinfection device



ThermoCare 65 UTV (under-counter variant)



Forceps stand



Instrument stand



Small parts tray

## 6 INSPECTION, CONTROL, MAINTENANCE, SERVICING

Always check your instruments for proper function, material damage or changes to the surface after use. Eliminate defects immediately or sort out the instrument. This maintains the quality of the instruments to be processed while also protecting devices, such as washing and disinfection devices or autoclaves.

You can replace or exchange defective parts such as spring clips yourself. Only have scissors, forceps and cutters sharpened, ground and reconditioned in service workshops. Oil joint heads regularly to keep them smooth-running and durable.

## 7 PACKAGING

Packaging is mandatory for medical devices that are classified as critical A/B according to the risk classification of the KRINKO-BfArM recommendation. Sterilization containers or sterilization films are suitable for this purpose. They are sealed using a sealing device. Check the strength of the seal seam with a Seal-Check, Ink-Test (weekly) and Peel-Test (daily). The results of the test procedures must be recorded in the documentation.

When packaging, ensure that both the films and the autoclave are optimally loaded so that no packaging is damaged, and therefore sterility is maintained. Tips and sharp instruments can be fitted with protective caps to prevent puncturing.

### FARO ROTARY SEALER FS 4000

The easy-to-use sealing device starts up quickly and is ready to package your medical products in just one minute.

- Easy handling and considerable time savings due to operational readiness in one minute
- Includes roll holder with cutter
- Electronic temperature control and force monitoring
- Sealing speed of 9 m/min
- Adjustable sealing edge 10-20 mm, sealing seam width 12 mm
- Interfaces: RJ45/RS232
- Suitable for validation

**Dimensions (W x H x D):** 465 x 100 x 225 mm

#### Other sealing devices:

- FARO sealing device SL13
- MELAseal® 100+
- MELAG foil sealing device MELAseal® 200





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## STERILIZATION

Sterilization with saturated steam (moist heat) reliably kills microorganisms and pathogens. As sterilization devices, B autoclaves are also able to sterilize medical devices with cavities that are difficult to access, such as angled handpieces. The newer models usually have an interface for seamless documentation. To function optimally, the autoclave must always be correctly loaded, operated and regularly maintained and performance tested in accordance with the manufacturer's instructions. For this reason, our specialist staff should carry out an introduction and adjustment after the purchase and service the device later.

### FARO AUTOCLAVE FD18 B/S

This compact device ensures a reliable sterilization process for B/S cycles - even outside working hours due to its option to preset the program start time. It can be operated easily and intuitively using the high-resolution 5-inch colour touchscreen display.

- Reliable sterilization process for B/S cycles
- With 5 different sterilization cycles ranging from 20 to 54 minutes
- Self-explanatory, simple operation using the high-resolution 5-inch colour touchscreen display
- Includes a conductivity sensor to check the water quality of the distillate
- Precise and effective drying due to high-dry technology
- User management system for identifying and assigning users to performed cycles
- Logs are transferable in PDF format via USB, Ethernet or Wi-Fi
- Class IIa medical device

**Dimensions (W x H x D):** 493 x 484 x 646 mm

#### Other models:

- FARO Autoclave FD23 B/S
- MELAtronic® 15 EN+ S-Class Autoclave



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## DOCUMENTATION AND RELEASE

The release can only be granted if each processing step was successful and is documented. If documentation is not automated, each process step is recorded manually.

- Check that the packaging is intact.
- Check whether the process indicator shows that the specified temperature has been reached.
- As the person responsible, mark the packaging with the date, batch and your initials.

### MELAG MELADOC® LABEL PRINTER

Label the packaged sterile supplies with the sterilization and expiry dates, identifying information of the releasing person, and the batch number of the sterilization cycle.

**Supply voltage:** 230 V

**Additional device:** FARO labelling device



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## STORAGE

Store instruments in an environment protected from air, light, moisture and dust. Ideally in a drawer at the location where they will be used. When packaged and kept at room temperature, they can be stored for up to six months.

PRODUCT OVERVIEW

PRODUCT	TYPE	ITEM NO.	TECHN. DETAILS	PRODUCT DESCRIPTION
PSA				
Gloves ProFit High Risk		314112816	Length: approx. 300 mm Thickness: 0.2 mm	<ul style="list-style-type: none"><li>• Nitrile disposable gloves, blue, unpowdered, latex-free</li><li>• For safe hygienic processing; chemical-resistant in accordance with ISO 374; 2016</li><li>• Extremely resilient, safe and tear-resistant with a good fit - EN 388</li><li>• Secure grip due to slightly roughened surface</li></ul>
Protective goggles		316710200		<ul style="list-style-type: none"><li>• Provides optimum eye protection in all work situations</li><li>• Innovative uvex x-tended Eyeshield adapts to the shape of the face, reliably keeping dust and water splashes out</li><li>• Robust polycarbonate lens with proven uvex supravision coating technology - permanent anti-fog coating on both sides</li><li>• Ergonomically formed temples and a soft, flexible nose pad ensure pleasant wearing comfort</li></ul>
Drop boxes				
Scalpel blade removers and collectors		311150400		<ul style="list-style-type: none"><li>• For safe removal and simultaneous disposal of BB73, BB84 scalpel holder blades</li><li>• Disposable product</li></ul>
Disposal box for scalpel blades		311150300		<ul style="list-style-type: none"><li>• Practical container for safe, user-friendly disposal of pointed, sharp and generally dangerous objects</li><li>• No sealing cap spring-back; tested in accordance with TRBA 250, UN 3291 and ISO 23907</li></ul>
Blade remover, universal	MD	311401000		<ul style="list-style-type: none"><li>• For safe blade changes</li><li>• Stainless steel</li></ul>
Ultrasonic bath				
Efesol grinder bath		317102800	<ul style="list-style-type: none"><li>• Volume: 1000 ml /5000 ml</li></ul>	<ul style="list-style-type: none"><li>• Intensive cleaner for rotary instruments such as carbide and diamond grinders</li><li>• Not suitable for ceramic grinders</li></ul>
GERLACH Technik Instrument Cleaner	MD	314270010	<ul style="list-style-type: none"><li>• Volume: 2000 ml</li></ul>	<ul style="list-style-type: none"><li>• For cleaning drills and rotary instruments</li><li>• Medical device, VAH-listed, non-corrosive, aldehyde-free and gentle on materials</li></ul>
Bodedex® forte	MD	314182200	<ul style="list-style-type: none"><li>• Volume: 2000 ml</li></ul>	<ul style="list-style-type: none"><li>• Powerful cleaning performance and high material compatibility</li><li>• Dissolves biofilms and stubborn soiling</li><li>• Automatically removes proteins, blood, secretions and fats as part of the pre-cleaning process</li><li>• Medical device</li></ul>
GERLACH Podo Med 3	MD	314109750	<ul style="list-style-type: none"><li>• W x H x D: 305 x 230 x 170 mm</li><li>• Inner basket dimensions (W x H x D): 255 x 55 x 200 mm</li><li>• Peak ultrasound performance: max. 480 Watt</li><li>• Connected load: 220–240 V, 50–60 Hz</li><li>• Volume: 1600 ml</li></ul>	<ul style="list-style-type: none"><li>• Easy-to-read display, intuitive operation</li><li>• 5 ultrasound modes: degas, eco, sweep, pulse, dynamic</li><li>• Limit temperature configuration to prevent protein fixation</li><li>• Device feedback when target temperature is exceeded</li><li>• Dual use of the plastic lid - reduces operating volume, can be used as a drip tray for the cleaning basket</li><li>• MDR-compliant</li><li>• Acoustic pressure level: &lt; 80 dB</li></ul>

PRODUCT AVAILABILITY LIMITED DEPENDING ON THE COUNTRY

PRODUCT	TYPE	ITEM NO.	TECHN. DETAILS	PRODUCT DESCRIPTION
Ultrasonic bath				
GERLACH Podo Med 1	MD	314109760	<ul style="list-style-type: none"><li>• W x H x D: 235 x 200 x 130 mm</li><li>• Inner basket dimensions (W x H x D): 225 x 55 x 200 mm</li><li>• Peak ultrasound performance: max. 240 Watt</li><li>• Connected load: 220–240 V, 50–60 Hz</li><li>• Volume: 700 ml</li></ul>	<ul style="list-style-type: none"><li>• Clean design, easy to clean, simple to operate</li><li>• MDR-compliant</li><li>• 4 ultrasound modes</li><li>• Plastic lid reduces the operating noise volume and can be used as a drip tray</li><li>• Safety shut-off with wake-up function</li><li>• Acoustic pressure level: &lt; 80 dB</li></ul>
Elmasonic Med 60	MD	314109920	<ul style="list-style-type: none"><li>• W x H x D: 307 x 210 x 280 mm</li><li>• Inner basket dimensions (W x H x D): 255 x 115 x 75 mm</li><li>• Peak ultrasound performance: max. 600 Watt</li><li>• Connected load: 220–240 V</li><li>• Volume: 4300 ml</li></ul>	<ul style="list-style-type: none"><li>• Clean design, easy to clean</li><li>• Digital control unit with wipe-clean membrane keypad and easy-to-read display to show all operating statuses</li><li>• Intuitive operation with adjustable limit temperature of 40-60 °C with device feedback function</li><li>• 5 different ultrasound modes - degas, eco, sweep, pulse, dynamic - for cleaning or disinfection</li><li>• Configuration and storage of up to 4 programs, selectable via quick selection</li><li>• Visual and acoustic feedback, e.g. at the end of cleaning or when the limit temperature is reached</li><li>• MDR-compliant</li></ul>
Disinfection				
Bode disinfection tray	MD	314126500	<ul style="list-style-type: none"><li>• W x H x D: 300 x 200 x 110 mm</li><li>• Volume: 3000 ml</li></ul>	<ul style="list-style-type: none"><li>• For preparing disinfectant baths</li><li>• Tub and strainer insert made of sturdy PVC</li><li>• Safe handling with integrated recessed grips</li></ul>
GERLACH Technik instrument disinfection concentrate	MD	314270009	<ul style="list-style-type: none"><li>• Volume: 2000 ml</li></ul>	<ul style="list-style-type: none"><li>• For cleaning or disinfecting instruments</li><li>• VAH-listed</li><li>• Very good material tolerability</li><li>• Aldehyde-free</li><li>• Pleasant scent</li><li>• Suitable for use in ultrasonic baths</li></ul>
Bomix® plus	MD	314182100	<ul style="list-style-type: none"><li>• Volume: 2000 ml</li></ul>	<ul style="list-style-type: none"><li>• Aldehyde-free instrument disinfectant</li><li>• Gentle on materials and very economical</li><li>• VAH-/IHO-listed</li></ul>
Korsolex® basic	MD	314261400	<ul style="list-style-type: none"><li>• Volume: 2000 ml</li></ul>	<ul style="list-style-type: none"><li>• Aldehyde-free instrument disinfectant</li><li>• Broad spectrum of activity including virucides</li><li>• Low concentration for use</li><li>• VAH-/RKI (A)-/RKI (B)-/IHO-listed</li></ul>

PRODUCT	TYPE	ITEM NO.	TECHN. DETAILS	PRODUCT DESCRIPTION
RDG				
FARO ThermoCare 65 ATV (table-top variant)	MD	314108980	<ul style="list-style-type: none"><li>• W x H x D: 595 x 600 x 520 mm</li><li>• Chamber volume: 65 liters</li><li>• Power supply: 230 V, 50 Hz</li><li>• Power consumption: 3.9 kW</li></ul>	<ul style="list-style-type: none"><li>• Table-top device for fast, reliable preparation without loss of quality and with low consumption</li><li>• Touchscreen control system with large colour graphic display - 4" LCD colour display</li><li>• 5 preset operating programs, 40 customizable programs</li><li>• Data transfer via USB and RS232 interfaces</li><li>• Monitoring of rinsing pressure</li><li>• Active DryMax hot air drying and HEPA H14 air drying pre-filter</li><li>• Flow rate controlled dosing pumps</li><li>• Integrated water softener</li><li>• Class IIa medical device</li><li>• Complies with the international DIN EN ISO 15883-1, -2 and -5 standards for washing and disinfection devices</li></ul>
FARO ThermoCare 65 UTV (under-counter variant)	MD	314108982	<ul style="list-style-type: none"><li>• W x H x D: 595 x 820 x 520 mm</li><li>• Chamber volume: 65 liters</li><li>• Power supply: 230 V, 50 Hz</li><li>• Power consumption: 3.9 kW</li></ul>	<ul style="list-style-type: none"><li>• Under-counter device for fast, reliable preparation without loss of quality and with low consumption</li><li>• Touchscreen control system with large colour graphic display - 4" LCD colour display</li><li>• 5 preset operating programs, 40 customizable programs</li><li>• Data transfer via USB and RS232 interfaces</li><li>• Monitoring of rinsing pressure</li><li>• Active DryMax hot air drying and HEPA H14 air drying pre-filter</li><li>• Flow rate controlled dosing pumps</li><li>• Integrated water softener</li><li>• Class IIa medical device</li><li>• Complies with the international DIN EN ISO 15883-1, -2 and -5 standards for washing and disinfection devices</li></ul>
Miele PG 8582 washing and disinfection device	MD	On request	<ul style="list-style-type: none"><li>• W x H x D: 600 x 820 x 600 mm</li></ul>	<ul style="list-style-type: none"><li>• Shortest program run time: 21 minutes</li><li>• EcoDry drying function</li><li>• Depending on the version (free-standing or under-counter device): up to 2 integrated dosing pumps for liquid media</li><li>• Short suction lance (200 mm) for 5-liter canister, including canister fill level monitoring</li><li>• Integrated dosing monitoring for greater process reliability in accordance with EN ISO 15883</li></ul>
Accessory baskets/ instrument stands				
Forceps stand		314108973	<ul style="list-style-type: none"><li>• W x H x D: 184 x 122 x 131 mm</li></ul>	<ul style="list-style-type: none"><li>• Holds 7 forceps</li><li>• Avoids rinsing shadows</li><li>• For optimal loading</li><li>• Universally usable</li></ul>
Instrument stand		314108974	<ul style="list-style-type: none"><li>• W x H x D: 119 x 124 x 370 mm</li></ul>	<ul style="list-style-type: none"><li>• For optimal loading</li><li>• Avoids rinsing shadows</li><li>• Individual configuration possible due to compartments with different sizes</li><li>• Universally usable</li></ul>
Small parts tray		314108972	<ul style="list-style-type: none"><li>• W x H x D: 80 x 40 x 80 mm</li></ul>	<ul style="list-style-type: none"><li>• For safe processing in the washing and disinfection device</li><li>• Ideal for storing smaller and disassembled instruments</li><li>• Universally usable</li></ul>

PRODUCT	TYPE	ITEM NO.	TECHN. DETAILS	PRODUCT DESCRIPTION
Sealing devices				
FARO continuous sealing device FS 4000		314108510	<ul style="list-style-type: none"><li>• W x H x D: 465 x 100 x 225 mm</li></ul>	<ul style="list-style-type: none"><li>• Easy handling and considerable time savings due to operational readiness in one minute</li><li>• Includes roll holder with cutter</li><li>• Electronic temperature control and force monitoring</li><li>• Sealing speed of 9 m/min</li><li>• Adjustable sealing edge 10-20 mm, sealing seam width 12 mm</li><li>• Interfaces: RJ45 / RS232</li><li>• Suitable for validation</li></ul>
FARO sealing device SL13		314108200	<ul style="list-style-type: none"><li>• W x H x D: 600 x 260 x 300 mm</li></ul>	<ul style="list-style-type: none"><li>• Small device in an elegant design</li><li>• User-friendly and consistently reliable, even with intensive use</li><li>• Interesting solution for all users seeking a professional quality product with an excellent price-performance ratio</li></ul>
MELAseal® 100+	MD	314107170	<ul style="list-style-type: none"><li>• W x H x D: 415 x 240 x 150 mm</li><li>• Power supply: 230 V, 50 Hz</li></ul>	<ul style="list-style-type: none"><li>• High performance capacity, reliable and easily operated</li><li>• 200 second heating time</li><li>• Approx. 4 second sealing speed</li><li>• Wider sealing seam width (10 mm) than the minimum width required by EN 868-5 (6 mm)</li><li>• Automatic, electronic monitoring of sealing time and temperature during the sealing process</li><li>• Acoustic and visual warning signal in case of deviations</li><li>• Individual of sterilization bags to suit requirements, due to integrated cutting device</li><li>• Brushed stainless steel housing</li></ul>
MELAG foil sealing device MELAseal® 200	MD	314107180	<ul style="list-style-type: none"><li>• W x H x D: 415 x 240 x 150 mm</li><li>• Power supply: 230 V, 50 Hz</li></ul>	<ul style="list-style-type: none"><li>• Validatable sealing device according to EN ISO 11607-2</li><li>• Combines the advantages of the successful MELAseal® 100+ series with the benefits of large rotary sealing devices</li><li>• Ready for use after just 90 seconds of heating time</li><li>• Sealing time: 3 seconds</li><li>• Foils can be sealed consecutively without interruption</li><li>• Large, user-friendly display with 4 softkeys</li><li>• With seal check function, integrated user management, maintenance counter and direct PC connection for logging the sealing process</li><li>• Scope of delivery includes a USB stick</li><li>• Optional roll holder</li></ul>
MELAfol® rolls	MD	314107101/102/103/106	50 / 75 / 100 / 150 mm x 200 m	<ul style="list-style-type: none"><li>• Transparent sterilization packaging for autoclaves in accordance with EN 868-5</li></ul>
FARO sterilization film	MD	314107-146/-147/-148/-149 314107-151/-153/-155/-157 314107-152/-154/-156/-158	5 / 7.5 / 10 / 15 cm x 200 m 5 / 7.5 / 10 / 15 cm x 100 m 5 / 7.5 / 10 / 15 cm x 50 m	<ul style="list-style-type: none"><li>• For sealing reprocessable instruments</li><li>• Medical paper and polypropylene film with indicator dots</li><li>• Production according to DIN EN ISO 11607 EN 868/5</li></ul>
Seal-Test for sealing devices	MD	314108504	<ul style="list-style-type: none"><li>• Package contents: 100 pcs.</li></ul>	<ul style="list-style-type: none"><li>• For daily functional assessment or testing in accordance with DIN EN ISO 11607-2</li></ul>
Ink-Test	MD	314108507	<ul style="list-style-type: none"><li>• Package contents: 30 pcs.</li></ul>	<ul style="list-style-type: none"><li>• Sealing seam tightness test for routine testing of sealing seams in accordance with DIN EN ISO 11607-1 Appendix B and ASTM F1929</li></ul>



PRODUCT	TYPE	ITEM NO.	TECHN. DETAILS	PRODUCT DESCRIPTION
Autoclave				
FARO Autoclave FD18 B/S	MD	314107920	<ul style="list-style-type: none"><li>• W x H x D: 493 x 484 x 646 mm</li><li>• Power supply: 230 V</li></ul>	<ul style="list-style-type: none"><li>• Reliable sterilization process for B/S cycles</li><li>• With 5 different sterilization cycles ranging from 20 to 54 minutes</li><li>• Includes a conductivity sensor to check the water quality of the distillate</li><li>• Self-explanatory, simple operation using the high-resolution 5-inch colour touchscreen display.</li><li>• Integrated filling pump</li><li>• Motorized door locking and unlocking with closing aid</li><li>• Dust filter to protect against contamination of device interior</li><li>• Precise and effective drying due to high-dry technology</li><li>• User management system for identifying and assigning users to performed cycles</li><li>• Logs are transferable in PDF format via USB, Ethernet or Wi-Fi</li><li>• Class IIa medical device</li><li>• Included accessories: 3 trays, cleaning set, tray holder, 2 hoses and funnel for filling with water and emptying</li></ul>
FARO Autoclave FD23 B/S	MD	314107922	<ul style="list-style-type: none"><li>• W x H x D: 493 x 484 x 646 mm</li><li>• Power supply: 230 V</li></ul>	<ul style="list-style-type: none"><li>• Reliable sterilization process for B/S cycles</li><li>• Includes a conductivity sensor to check the water quality of the distillate</li><li>• Self-explanatory, simple operation using the high-resolution 5-inch colour touchscreen display.</li><li>• Integrated filling pump</li><li>• Motorized door locking and unlocking with closing aid</li><li>• With 5 different sterilization cycles ranging from 20 to 54 minutes</li><li>• Precise and effective drying due to high-dry technology</li><li>• User management system for identifying and assigning users to performed cycles</li><li>• Logs are transferable in PDF format via USB, Ethernet or Wi-Fi</li><li>• Class IIa medical device</li><li>• Included accessories: 3 trays, cleaning set, tray holder, 2 hoses and funnel for filling with water and emptying</li></ul>
MELAtronic® 15 EN+ S-Class Autoclave	MD		<ul style="list-style-type: none"><li>• W x H x D: 440 x 330 x 500 mm</li><li>• Power supply: 220-240 V, 50-60 Hz, 1500 Watt</li></ul>	<ul style="list-style-type: none"><li>• Short sterilization process times</li><li>• 4 fully automatic programs with active drying for wrapped instruments</li><li>• Meets the requirements for "Class S" autoclaves in the EN 13060 standard</li><li>• Simple, user-friendly operation</li><li>• 7-liter boiler capacity</li><li>• Integrated water reservoir</li><li>• Alternatively, the device can also be operated in a one-way water system</li><li>• For documentation purposes, the autoclave has an interface for connection to a printer or PC</li><li>• Complies with European standard EN 13060 and can be validated in accordance with EN ISO 17665</li><li>• Included accessories: 3 trays</li></ul>
Accessories				
External printer for FD18/FD23		314107921		<ul style="list-style-type: none"><li>• External printer for sterilization logs and barcode labels</li></ul>
Helix Test Pro	MD	314107925	<ul style="list-style-type: none"><li>• Package contents: 250 pcs.</li></ul>	<ul style="list-style-type: none"><li>• For performance testing of small sterilizers type B according to EN 13060</li><li>• Test specimen with 250 indicator strips</li></ul>
Steam indicator strips for S-Class autoclaves	MD	314107902	<ul style="list-style-type: none"><li>• Package contents: 250 pcs.</li></ul>	<ul style="list-style-type: none"><li>• Class 5 indicator strips for performance testing of each batch of type S small sterilizers</li></ul>
FARO labelling device				<ul style="list-style-type: none"><li>• For labelling packaged sterile goods with the batch, release date and date of manufacture</li></ul>
MELAG MELAdoc® label printer				<ul style="list-style-type: none"><li>• For labelling packaged sterile goods with the sterilization and expiry dates, identifying information of the releasing person, and batch number of the sterilization cycle</li></ul>

# ACADEMY

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EDUARD GERLACH GmbH

Baeckerstrasse 4-8 // 32312 Luebbecke // Germany

Phone +49 5741 330-0 // [info@gehwol.de](mailto:info@gehwol.de)

[www.gehwol.de](http://www.gehwol.de)