

GETINGE QUADRO TABLETOP STERILIZER



STERILIZES SO MUCH MORE, IN SO MUCH LESS SPACE.

Getinge Quadro is a tabletop sterilizer developed for dental and medical clinics and practices that require the highest possible throughput – with safe and efficient sterilization of all instruments. That's why Getinge Quadro is designed to sterilize more instruments, fast. Getinge Quadro Avanti also enables traceability via process release directly on the display.

The modern design blends attractively into your environment. But the really big advantage is what is inside: the secret behind its unique capacity.







See the movie!



UNIQUE CAPACITY:
FIVE STANDARD CASSETTES/TRAYS

A SUPERELLIPSE SHAPE GIVES SUPER CAPACITY.

The secret behind the super capacity of Geringe Quadro is quite simple. Realizing that sterilizers with circular chambers waste around 25% of the space, so we developed a unique seamless superellipse chamber. It's just a matter of the formula: $|x/a|^n + |y/b|^n = 1$. But it enables you to sterilize more instruments at the same time in a small footprint – it holds up to 5 wrapped standard cassettes instead of 3. And because Geringe Quadro also works faster, it boosts throughput even further.



Cassettes



Containers



Implantology load



Mixed load

Geringe Quadro can handle many different types of trays and loads, and its 18-liter volume is far superior to most other tabletop sterilizers.

In 1 hour, it can sterilize up to 18 trays or 10 cassettes.

DOUBLE THE SPEED REDUCES YOUR COSTS.

The combination of high loading capacity and extremely short processing times creates all-new possibilities. With Getinge Quadro, a complete standard B-process (incl. drying) takes only 28 minutes, for example. Having more instruments available faster not only means greater productivity. It also reduces your investment costs because you need fewer instruments.

Touchscreen makes operation extremely simple

You can choose to operate your Getinge Quadro via the pushbuttons on our Classic display or via an 8.5" touchscreen on Getinge Quadro Avanti. Crisp, vivid color graphics combined with a user-friendly interface give you an immediate overview of the current process and make the sterilizer extremely easy to use.

Remote control for added flexibility

Optionally, the touchscreen can be supplied as a hard-wired remote control, giving even more flexibility in the placement of the sterilizer. Even if the sterilizer is placed under a worktop, it is easy to operate via the remote display, connected to the sterilizer by a 2-meter cable.

The 8.5" remote touchscreen display can be freestanding or wall-mounted, giving easy monitoring and control of the sterilization process.





Gefinge Quadro is supplied with either a Classic display or Avanti color touchscreen.



ENSURE TRACEABILITY WITH DIGITAL SIGNATURE AND LABELING.



PROCESS DOCUMENTATION

You can document the sterilization process via a printer, or store documentation via a built-in USB solution or an Ethernet connection. Getinge Quadro Avanti allows process release directly on the display and printing of labels on the connected printer.

VALIDATION

Getinge Quadro is equipped with connections for separate, external temperature and pressure gauges for validation compliant with ISO 17665.

When the tempo rises, traceability becomes even more important. Getinge Quadro Avanti supports process release directly on the display and the user's digital signature is documented together with the sterilization process completed. By connecting our printer for barcode labels with batch numbers, you can directly ensure traceability by printing labels for attaching to the loads.

DUAL LOCKING DEVICES.

For more than 60 years, our commitment to safety has been a key feature of the development of all our products. Knowing that tabletop sterilizer doors can be subjected to pressure of up to 1 000 kg, we therefore put extra focus on building in maximum safety. This can be seen on Getinge Quadro in its dual locking devices.



WATER TANKS DESIGNED FOR EASY CLEANING.

It's not just the chamber that is unique about Getinge Quadro. The design and placement of the water tanks has also been carefully considered to make cleaning fast and easy. Regular cleaning of the water tanks is a must to avoid biofilm buildup, which is why it is also mandatory under the European standard for small sterilizers. When the cleaning process is easy to manage, you'll get the best possible result.

Just lift the lid to fully open the two-tank system with easy access to clean even in the rounded corners. The level controls tell you when you need to fill or drain the tanks, and the water quality system alerts you if the water quality is poor. To make things even simpler, Getinge Quadro can be connected to an external water supply so that the tanks are filled and emptied fully automatically.



The two-tank system separates the water for steam generation from the condense water. If you connect Getinge Quadro to an external water supply, the tanks are filled and emptied fully automatically.



USER-FRIENDLY CONTROL SYSTEM, NETWORK CONNECTION AND PRINTER.

Getinge Quadro is equipped with the PACS350 control system – the same system used in larger Getinge sterilizers and disinfectors. PACS350 is an extremely user-friendly control unit that ensures the precision of the sterilization programs.

For easy management of process data, Getinge Quadro can be connected to your clinic's LAN for storage of process data directly on the clinic's PC*. It also has a USB port for easy storage of

process data on a USB stick. Other accessories include a standard printer and a printer for barcode labels.

More information about all Getinge Quadro options and accessories can be found at www.getinge.com

*For Getinge Quadro Avanti.



Trays, 310×190×38 mm,
250×170×70 mm or
100×190×38 mm.



Racks for trays and
containers.



Pouch holders.



Tray handles.



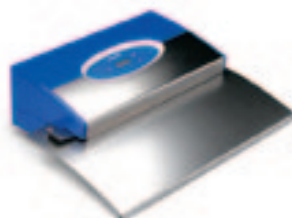
Dental cassette, complete with
lid and insert, 287×186×39 mm.



Ticket printer and barcode label printer.

A COMPLETE HYGIENE SYSTEM FROM THE WORLD'S LEADING SUPPLIER.

Getinge is the world's largest supplier of sterilizers and washer-disinfectors, with equipment installed in more than 100 countries. In addition to equipment and consumables, we offer architectural planning, training, traceability and service & support. Buying your sterilizer or washer-disinfector from Getinge will ensure the peace of mind that comes with knowing that your equipment is designed to the highest standards of quality, performance and reliability. For more information, please contact your Getinge representative.



In addition to Getinge Quadro and other tabletop sterilizers, Getinge offers a complete range of washer-disinfectors, both tabletop (Getinge Tablo) and under-counter (Getinge Claro) as well as larger models (Getinge 46-series). We also offer sealers, workstations, trolleys, storage cabinets, shelves and anything else you might need in order to ensure the most hygienic and efficient workflow.

LOADING CAPACITY

Getinge Quadro's loading capacity is superior to most other tabletop sterilizers.

- 5 wrapped trays, such as dental cassettes (size 287×186×39 mm), or
- Containers or trays <313 mm deep

In 1 hour, the Getinge Quadro can sterilize up to 18 trays or 10 cassettes.

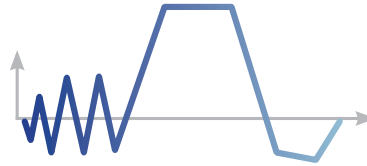
VALIDATION

The sterilizer is equipped with connections for separate external temperature and pressure gauges for validation of compliance with ISO 17665, for example.

PROCESS DOCUMENTATION

- Ticket printer or built-in USB storage solution
- Ethernet (optional) for documentation storage
- Process release directly on the display and printing of labels on the connected printer (Getinge Quadro Avanti)

B-PROCESS (Schematic)



TECHNICAL SPECIFICATIONS

| | |
|--|--|
| EXTERNAL DIMENSIONS (W×D×H) | 454×575×480 mm |
| CHAMBER VOLUME / CHAMBER MATERIAL | 18 liters (0.7 sq ft) / Stainless steel 316L |
| CHAMBER DIMENSIONS (W×D×H) | 250×340×250 (usable depth for trays and containers: 313 mm) |
| MAX. LOAD (INSTRUMENTS/TEXTILES) | 6 kg/2.5 kg |
| ELECTRICAL CONNECTION | Single phase, 230 V, 10 A (other voltages on request) |
| POWER RATING | 2 200 W |
| WATER TANK SYSTEM | Fresh/condense water, direct water supply connection option |
| WATER TANK VOLUMES | 4.9 liters in each tank |
| WATER QUALITY (water for steam production) | Demineralized, max. 10 µS/cm |
| WATER CONSUMPTION | 0.2–0.8 liters/process |
| WATER PRESSURE (if water-connected) | 0.5–0.8 bar |
| FRONT AND TOP HOUSING / SIDE HOUSING | Stainless steel AISI 304 / Powder-coated aluminum |
| NOISE LEVEL | <53 dB |
| WEIGHT | 53 kg |
| DISPLAY | Getinge Quadro Classic – Piezo pushbuttons Getinge Quadro Avanti – 8.5" color touchscreen |

GETINGE QUADRO STERILIZERS

STANDARD PROGRAMS

| PROCESS TYPE | PROGRAM | PROCESS TIME** |
|--------------|-------------------------|----------------|
| B-process | Wrapped 134°C | ~28 min |
| B-process | Wrapped 121°C | ~39 min |
| B-process | Heavy load 134°C | ~45 min |
| B-process | 18 minutes 134°C | ~42 min |
| B-process | Dental Special 134°C*** | ~17 min |

**Incl. drying. Average load

***For up to 10 wrapped dental handpieces



*Add 50 mm at the rear for adequate ventilation



This product has been manufactured by Getinge Skärhamn which is quality certified according to ISO 13485. Getinge Skärhamn is environmentally certified according to ISO 14001.



Getinge Infection Control is the world leading provider of solutions for sterile processing in the healthcare sector. We aim to ensure the highest quality and safety at the lowest total cost. We offer complete solutions for a seamless workflow, reducing the risk of contamination while helping healthcare to increase efficiency.

Getinge Infection Control AB

PO Box 69
SE-305 05 Getinge
Sweden
Phone: +46 10 335 00 00
info@getinge.com

Getinge Skärhamn AB

Industrivägen 5
SE-471 31 Skärhamn
Sweden
Phone: +46 10 335 02 00
Fax: +46 10 335 02 29
info@seska.getinge.com
www.skarhamn.getinge.com

GETINGE

GETINGE GROUP

www.getinge.com

GETINGE GROUP is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, GETINGE and MAQUET. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.