



The HMC product range - an overview

*Vertical and table-top autoclaves,
Biological safety cabinets class II*

Available in
different sizes for
perfect individualiza-
tion according to your
requirements!



**Feel free to
convince yourself**

We assure durability, quality and comfort!



HMC Europe is known for high safety standards as well as low life cycle costs. Moreover we offer autoclaves and microbiological safety cabinets which are convenient and easy to use.

Our **vertical autoclaves** guarantee a **long service life** thanks to sophisticated and proven technology. Japanese steel with titanium components is used to manufacture high-tech chambers with reduced mass. This does not only provide a consistently **high quality** of the autoclaves, it also **ensures energy efficiency with short heating and cooling phases.**

Your safety is our top priority! HMC Europe's vertical and table-top autoclaves are **optimally protected against overpressure** due to constant pressure and temperature monitoring. Unintentional opening of the lid under pressure is prevented by the design of the device.

Our safety cabinets are engineered and produced in Scandinavia for **the highest level of efficiency and product quality!**

We are always one step ahead: cleaning the devices and the surroundings is easy as the products are space-saving. **We make working safely as easy and comfortable as possible.** From the big working surface to the divided table top, we know your needs and have the right answers. Additionally you benefit from a **remarkably low power consumption and noise level** made possible by use of latest technology.

We offer reliable customer service and active support whenever it is needed. You will benefit from 80 years of experience in the sector of autoclaving. With this knowledge we will help you to accomplish difficult tasks and to meet high standards even with limited resources in a simple and cost-efficient way.

After-sales support is very important to us. Besides simple and fast delivery you will be provided with detailed safety instructions. To ensure you will achieve the best possible result we support you from the beginning till the end of your project.

Highest demands regarding performance & comfort

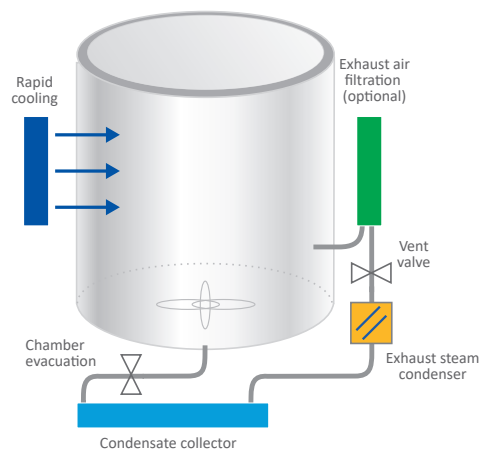
Features at first glance:

- > Certified according to the Pressure Equipment Directive 2014/68/EU
- > Available in 4 sizes with 50, 80, 113, 133 liters of effective usable volume
- > Innovative locking system with motorized lid including pressure and temperature monitoring
- > Steam generation in the chamber
- > High energy efficiency and long service life
- > Rapid cooling for short cooling times
- > Electrical, mechanical and constructional factors guarantee the highest level of quality and user protection



The HG family *Premium autoclaves*

Advanced functionality with many configuration options for a wide range of applications



It is your choice - different autoclaving programs of the HG-Series

- > Sterilization of solids: with fast release of steam for short processing times
- > Sterilization of liquids: with variable natural cooling or with rapid cooling for thermolabile materials
- > Sterilization of liquids: with subsequent warming cycle
- > Sterilization program for Agar with subsequent warming cycle
- > Dissolution program: pressure cooker program (100 °C) with subsequent warming cycle
- > Timer-controlled program: loading the autoclave in the evening - sterile and ready for punctual removal in the morning
- > Automatic standby operation: saves energy
- > **Adaptions for customized programs are always possible**

**Did you know?
Our devices with
113 or 133 liters of
effective usable volume
are available with steam
generator and
vacuum pump!**

Vertical autoclaves classic line HV-Series

Tireless, durable and ingeniously simple

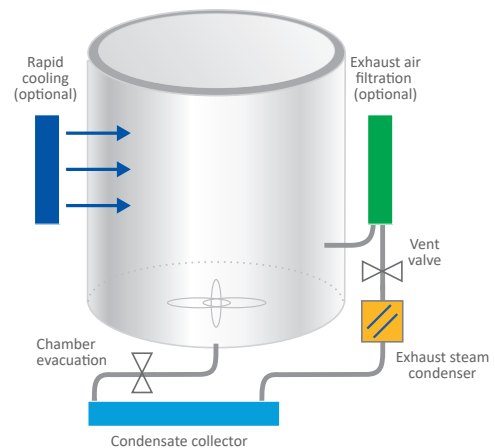
Features at first glance:

- > Certified according to the Pressure Equipment Directive 2014/68/EU
- > Available in 4 sizes with 25, 50, 85 and 110 liters of effective usable volume
- > Simple, reliable and with a long service life, your perfect choice for standard tasks
- > Optionally available with flexible temperature sensor for the sterilization of liquids
- > Electrical, mechanical and constructional factors guarantee the highest level of quality and user protection



The HV family Classic autoclaves

Tireless devices for
standard tasks



It is your choice - different autoclaving programs of the HV-Series

- > Sterilization of solids: with fast release of steam
- > Sterilization of liquids: with variable natural cooling
- > Sterilization of liquids: with optional rapid cooling for thermolabile materials
- > Sterilization of liquids: with subsequent warming cycle
- > Pressure cooker program: prepares Agar and keeps it ready for processing (100 °C)
- > Sterilization of Agar is possible with the sterilization program for liquids
- > Timer-controlled program: loading the autoclave in the evening - sterile and ready for punctual removal in the morning
- > Automatic standby operation: saves energy
- > **Adaptions for customized programs are always possible**

We offer different options and accessories such as baskets & cans for more comfort during every sterilization cycle!

Space-saving and convenient

Find the autoclave suitable for your application!

The sterilizers are divided into 3 groups, the series „N“, „S“ and „B“. Which autoclave is suitable for your application should be determined during an individual consultation. Our product specialists are happy to assist you.



The HMT family *Table-top autoclaves*

Perfect for easy tasks in your laboratory

Are you looking for...

- ... a way to sterilize all heat resistant laboratory instruments if they are suitable for sterilization?
- ... a way to sterilize simple packed or un-packed instruments?
- ... a way to sterilize unpacked instruments only?
- ... loading accessories for different applications?

Our solutions for you:

- > **B-series autoclaves, e.g. our HMT 260/300 MB with vacuum, drying function and printer:** the air is removed from the sterilization chamber repeatedly with a fractionated pre-vacuum. Due to this the steam can sterilize vapour-permeable packages and hollow products.
- > **S-series autoclaves, e.g. our HMT 230/260/300 MA with vacuum and drying function or HMT 230/260 FA.**
- > **N-series autoclaves, e.g. our HMT 232 N:** A N-series sterilizer may only be used to sterilize unpacked instruments which are classified as uncritical or semicritical A.
- > From a batch system to loading baskets: our accessories make it possible to configure the autoclave according to your requirements.

Microbiological safety cabinets class II

Tailor-made solutions for your performance!

Features at first glance:

- > Certified according to DIN EN 12469
- > Biological safety cabinets, class II
- > Highest personal, product as well as carry-over protection
- > Negative pressure system
- > Available in different sizes:
 - HMC Safeguard Pro 600 with a width of only 600 mm
 - HMC Safeguard Pro 1200 with a standard width of 1200 mm
- > Latest technology (optional remote control)
- > Remarkably low noise level and power consumption
- > Many different features
- > Made in Sweden
- > Functional and modern design



HMC Safeguard Pro 600
Safety in miniature size

Perfect for challenging tasks in the smallest spaces



HMC Safeguard Pro 1200
The classic size

Perfectly suitable for comfortable and spacious working

Additional features:

- > Electrically adjustable front window
- > Intuitively operable display with touch-screen
- > Visual and audible alarm signals according to the strict standards of TÜV Nord (Germany)
- > Suitable for clean rooms
- > Optionally available: support stand (electrically or mechanically height adjustable)



Do you need a custom built model?
We offer many different configuration options.
Just contact us, we will be happy to assist you.

With our certified technicians and service partners we are always at your side.

You already own an HMC device and need technical support?

With our **trained technicians** and our service network all over Europe we are happy to assist you. Your safety and satisfaction in handling your HMC autoclave or safety cabinet are our top priorities.

We are happy to assist you:

- > **Installation and commissioning** of all HMC Europe autoclaves on request
- > **Installation and commissioning** of all HMC Europe biological safety cabinets
- > **Calibration of safety cabinets:** Testing and adjustment of air flows (Inflow and Downflow) and filter test (Downflow and Exhaust) on site according to DIN EN 12469.
- > **One-time maintenance services**
- > **Regular maintenance services** based on a convenient maintenance contract
- > **Data log** (Measurement of temperature and pressure inside the chamber of the autoclave)
- > **Pressure equipment test for autoclave chambers according to BetrSichV**
- > **Final DGUV-3** (test for electrical safety) after every maintenance/repair
- > **Support by phone** for minor issues
- > **On-site repairs**



For an interactive map with our service partners and additional information please visit our homepage: www.hmc-europe.com.

How can we assist you?

HMC
EUROPE

Sterilization Technology

HMC Europe is your perfect partner for peak performances



Individual and experienced consulting and extensive customer service: We provide excellent consulting service and active support for our customers from the first offer to commissioning, shipping and maintenance of your new devices.



You want to start immediately? No problem! We **deliver reliably and punctually. Almost all units are in stock.**



We will support you with our **skilled technicians and service network all over Europe.** Whether you need a modification, repair or a maintenance service.



Safety produced in series: Every HMC Europe autoclave or biological safety cabinet is built in modern factories according to latest technology.

We also support you in servicing your HMC products. Just ask for our maintenance contracts!

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