



Product portfolio overview

*Vertical and table-top autoclaves,
Class II safety cabinets*



Available in
different sizes for
an ideal fit to your
individual needs!

**Just 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 which are convenient and easy to use.

Our **vertical autoclaves** guarantee a **long service life** thanks to sophisticated and proven technology. Japanese steel 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.

Do you have highest demands regarding quality, technology and comfort? In this case you have found the

right partner in HMC Europe! Our cabinets are engineered and produced in Scandinavia **for the highest level of efficiency and product quality!**

We are always one step ahead: troubles when cleaning or any space problems will not have to concern you. **We make safe working 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. Saving electricity made easy: **you additionally benefit from a remarkably low power consumption and noise level** made possible by use of latest technology.

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. Therefore we also bring the autoclave into service and offer service contracts - after all it is all about sterilizing simply and well.

Highest demands regarding performance & comfort

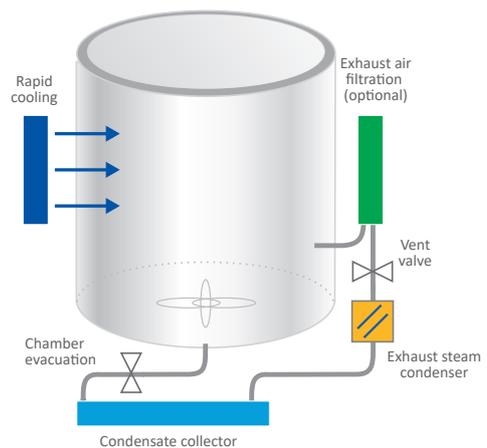
Features at first glance:

- > Certified according to the Pressure Equipment Directive 2014/68/EU
- > Available in two sizes with ca. 50 and 80 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 (up to 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**

New Option!
Counter-pressure for
the HG 50 and HG 80
units for higher pro-
ductivity and shorter
batch times!

Vertical autoclaves classic line HV-Series

Tireless, durable and ingeniously simple

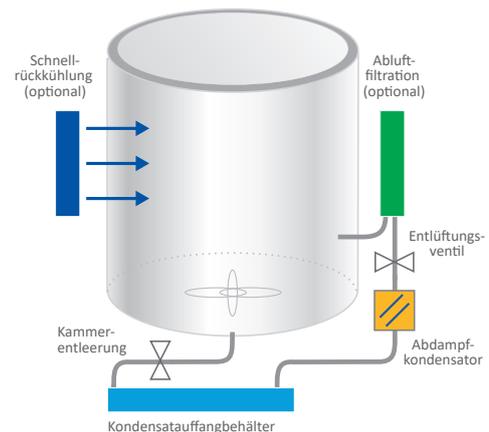
Features at first glance:

- > 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 loading
baskets and cans
to provide a more
comfortable sterili-
zation

Space-saving and convenient

The sterilizers are divided into groups, the series "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 unpacked instruments?
- ... 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 prevacuum. Due to this the steam can sterilize through packages and in hollow parts.
- > **S-series autoclaves, e.g. our HMT 230/260/300 MA with vacuum and drying function or HMT 230/260 FA.**
- > From a batch system to loading baskets: our accessories make it possible to configure the autoclave according to your requirements (please see table on page 16|17).



Class II biological safety cabinets

Customized solutions for your performance!

Features at first glance:

- > Biological safety cabinets, class II
- > Highest personal, product and carry over protection
- > Negative pressure system
- > Available in different sizes:
 - HMC Safeguard Pro 600 with a width of only 600 mm (external & internal dimensions)
 - HMC Safeguard Pro 900, 1200, 1500 and 1800 with external dimensions of 1000 mm to 1900 mm.
- > Remarkably low noise level and power consumption
- > Many different features
- > Functional and modern design



HMC Safeguard Pro 600
Safety in miniature size

Perfect for challenging tasks in the smallest spaces



HMC Safeguard Pro 900
HMC Safeguard Pro 1200
HMC Safeguard Pro 1500
HMC Safeguard Pro 1800

Ideal for comfortable and spacious working

More standard features

- > Electrically adjustable front glass panel
- > Intuitive display, divided into two parts
- > Striking visual and acoustic warning signal in the event of a malfunction according to the high requirements of the TÜV Nord
- > Two sockets (230V, 50/60Hz)
- > Suitable for cleanrooms
- > Stable support stand, also optional electrically height-adjustable



Do you need a custom fit? We offer a wide range of customization options. Just contact us, we are happy to assist you!

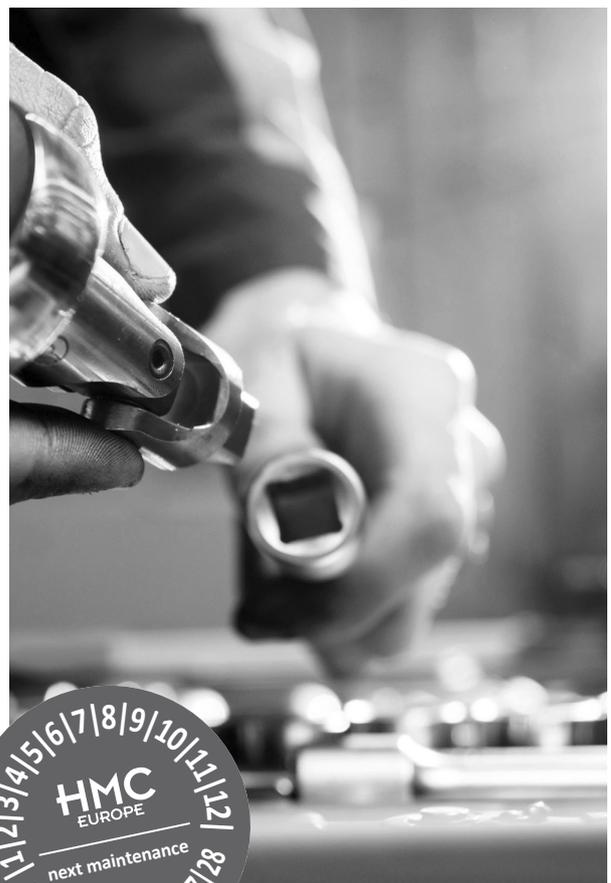
With our certified technicians and service partners we are always at your side.

You own a device from HMC Europe and need technical support?

With our **trained technicians and our service network** all over Europe we will be happy to assist you. Your safety and satisfaction in handling your autoclaves and HMC safety cabinets is our highest ambition.

We are happy to assist you:

- > **Installation and commissioning** of all HMC Europe devices on request (autoclaves and biological safety cabinets)
- > **Calibration of the safety cabinets:** Testing and adjustment of air flows (Inflow and Downflow) and filter test (Downflow-Filter and Exhaust-Filter) on site according to DIN EN 12469. The calibration is required by law for every new installation in the laboratory or a change of location of the safety cabinet in the room or building.
- > **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 more information please our homepage: www.hmc-europe.com.

How can we assist you?

HMC
EUROPE

Labor- & Sterilisationstechnik

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 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!

06/2022

Consulting and Sales:

phone: +49 8633 50520 0

fax: +49 8633 50520 99

e-mail: sales@hmc-europe.com

Customer Service and Support:

phone: +49 8633 50520 70

fax: +49 8633 50520 99

e-mail: service@hmc-europe.com

