



VARIOKLAV[®]

Classic Laboratory Autoclaves

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Complete solutions for routine sterilisation applications

HP Medizintechnik GmbH VARIOKLAV steam sterilisers are designed and manufactured to exacting quality standards for safe, reproducible performance. They are equipped with everything that's required for sterilisation tasks in the lab.

HP Medizintechnik GmbH is certified manufacturer of steam sterilisers for medical purposes according to the German Medical Device Act (MPG).

Easy, efficient, reliable

Our VARIOKLAV Classic autoclaves are easy to install, use and clean, require little maintenance, and occupy a minimum of floor space.

These robust, cost-effective systems provide 35, 75 or 135 liter chamber capacities and are available with exhaust air filtration for pathogenic waste.

VARIOKLAV Classic autoclaves support the rapid, efficient sterilisation of instruments, liquids and waste across a range of environments:

- Education
- Academic research
- Food and beverage quality control
- Climate chamber for environmental testing
- Research institutes

There are floor and tabletop models available.

Simple, user-friendly microprocessor control

Simple, user-friendly microprocessor control VARIOKLAV Classic autoclaves are equipped with an easy-to-use control featuring intuitive pictograms and clear displays of process parameters.

- Easy, one-touch recall of three sterilisation programs (two pre-set, one user-configurable) for liquids, equipment/solid materials and waste
- Audible and visual alerts upon successful program completion

Our VARIOKLAV Classic autoclaves feature corrosion-resistant sterilisation chambers made from electrolytically polished, titanium-stabilized stainless steel



Convenience and simplicity in steam sterilisation

Fully equipped and ready for work

VARIOKLAV Classic autoclaves are supplied with everything you need for your sterilisation applications:

- Media temperature probe for precise control of liquid sterilisation times and temperature
- Tamper-proof thermolock prevents retarded boiling when sterilizing liquids
- Condensate collector for exhaust steam
- Two high-capacity, stainless steel sterilisation baskets

VARIOKLAV Classic autoclaves are delivered ready to start work when you are. Installation is straightforward, because no connection to a feed water supply, tap water nor a waste water connection is required.

Simply add demineralized water to the chamber and initiate your program. All phases of the sterilisation process run automatically, allowing safe, unattended operation.

Easy and comfortable to use

- Intuitive microprocessor controls automate every aspect of the sterilisation process
- Security key switch saves program settings
- Side-opening, quick-release lid minimizes risk from rising steam
- Low deck height for easier loading and unloading

Efficient, effective sterilisation

- Short heating times
- No heating elements in sterilisation chamber for maximized useful capacity (floor model)
- Continuous venting to the principle of gravity prevents the appearance of air pockets

Safer by design

VARIOKLAV Classic autoclaves are designed with utmost operator safety in mind. They comply with the DIN 58951-2 standard, and are certified to category II or III under the European Pressure Equipment Directive.



Ideal for use with thermally unstable media, the reference temperature probe enables precise control of sterilisation times and temperature



A heat-resistant collector condenses the exhaust steam



Safety assured

The lid locking mechanism engages six massive stainless steel bolts. Leakage or opening under pressure is impossible



Safe sterilisation of hazardous materials

Our VARIOKLAV Classic 400 FA and 500 FA autoclaves are additionally equipped to provide exhaust-air filtration and condensate sterilisation.

- Emission-free sterilisation of hazardous biological materials, including pathogens, infectious agents and genetically engineered samples
- Both the external atmosphere and exhaust steam collection system are protected from contamination

VARIOKLAV Classic 400 FA and 500 FA autoclaves with Exhaust Air Filtration

- Aerosols contained in exhaust air are retained by an easy-to-exchange filter prior to sterilisation
- Simultaneous sterilisation of chamber contents, collected condensate and filter housing
- Sterile disposal of potentially infectious laborator waste
- Steam is generated in the chamber, so no additional condensate heating is required



Ordering information and technical specifications

VARIOKLAV Classic Laboratory Autoclaves – Floor and tabletop models

Floor

Model	Order No.	Chamber Net Volume (l)	Interior dimensions D/L (mm)	Exterior dimensions W/L/H (mm)	Operating temperature (°C)	Max. operating pressure (bar)	Connected load/heat output (kW)	Electrical supply	Weight (kg)
VARIOKLAV Classic 300	50085003	35/38	300/500	500/520/865	98 - 134	2,5	2,4/2,2	230V/50Hz	80
VARIOKLAV Classic 400	50109674	75/80	400/600	600/620/965			3,6/3,4		120
VARIOKLAV Classic 400 FA with Exhaust Air Filtration	50109686	75/80	400/600	600/620/965			3,6/3,4		120
VARIOKLAV Classic 500	50109685	135/142	500/700	700/720/1.065			6,5/6,0	3N/400V/50Hz	180
VARIOKLAV Classic 500 FA with Exhaust Air Filtration	50109687	135/142	500/700	700/720/1.065			6,5/6,0		180

Tabletop

Model	Order No.	Chamber Net Volume (l)	Interior dimensions D/L (mm)	Exterior dimensions W/L/H (mm)	Operating temperature (°C)	Max. operating pressure (bar)	Connected load/heat output (kW)	Electrical supply	Weight (kg)	
VARIOKLAV Classic 300	50085004	35/38	300/500	500/520/865	98 - 134	2,5	3,2/3,0	230V/50Hz	80	
VARIOKLAV Classic 400	50085005	75/80	400/600	600/620/965			5,3/5,0		120	
VARIOKLAV Classic 400 FA with Exhaust Air Filtration	50085006	75/80	400/600	600/620/965			5,3/5,0		120	
VARIOKLAV Classic 500	50085001	135/142	500/700	700/720/1,065			6,5/6,0		3N/400V/50Hz	180
VARIOKLAV Classic 500 FA with Exhaust Air Filtration	50085002	135/142	500/700	700/720/1,065			6,5/6,0			180

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