

CERTOCLAV



**Made for
a whole
lifetime**

COMPACT LABORATORY AUTOCLAVE



Manuals, technical information and training videos:
www.certoclav.com

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CertoClav: Quality since 1957

CertoClav has been developing and producing innovative and intelligent steam sterilizers for over 60 years. Because of their compact size, our autoclaves are especially interesting for small labs or as an optimal addition to a large autoclave.

Thanks to our sophisticated technology and the tried and tested, high quality components our autoclaves are low-maintenance and often in use for over 20 years. We offer a quick and inexpensive repair and maintenance service as a matter of course. Replacement devices are available anytime if needed.

We produce solely in Austria. All our products are CE certified and follow the subsequent directives and standards:

- 2014/35/EU Low Voltage Directive
- 2014/30/EU EMV Directive
- 2011/65/EU Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Here at CertoClav, our customers are our first priority. We want to offer you the best possible service and make sure you are 100% satisfied with your order and our products. CertoClav autoclaves have clear benefits for everyday laboratory practice. Their excellent performance stems not only our pioneering technology "Made in Austria", but also from our reliable services. You can find all CertoClav laboratory autoclaves and accessories in our new product catalogue 2019, lucid and compact at a glance. This catalogue reflects the know-how and wealth of experience, we gathered in collaboration with you in all sectors, all around the world. We, at CertoClav, are proud to be able to offer you cost-efficient end-to-end solutions among autoclaves, which let you quickly, safely and conveniently perform dependable sterilizations of liquids and solids of all kinds. If you want to learn more about CertoClav, our products, latest innovations and our retailers visit our website at www.certoclav.com.



If you need further assistance please let us know and directly contact us via e-mail at support@certoclav.com or via phone at +43 732 674 278.



CertoClav laboratory autoclaves

CertoClav autoclaves are efficient and economical to operate. Even small quantities can be autoclaved. Their simple operation allows effortless work in just a few easy steps. They are reliable, durable, nearly maintenance-free and transportable.

In addition to their robust construction, CertoClav autoclaves are distinguished by their functional and appealing design. Many of our models can be programmed according to user requirements and are therefore extremely versatile. This makes CertoClav autoclaves suitable for a wide range of applications in the everyday laboratory work, as well as in research and education.

With CertoTrace we offer a secure, simple and professional way to document the entire sterilization process. The software records which products have been sterilized by whom and when. Therefore, the traceability of sterilized products and the management of expiration dates are already integrated in the work process.

Our CertoCloud is a management software for PCs, smartphones and tablets. With it, you are able to control and manage your autoclave wherever you are. CertoCloud is also available as a lab-internal private cloud, which does not require an internet connection.



Autoclaves

Vertical laboratory autoclaves made of aluminum

- CertoClav EL
- CertoClav MultiControl

Vertical laboratory autoclaves made of stainless steel

- CertoClav Classic
- CertoClav MultiControl 2
- CertoClav MultiControl 2 Touch
- CertoClav Connect

Horizontal laboratory autoclaves

- CertoClav Vac Pro

Highlights

- 12-45-liter chamber volume
- particularly robust construction
- cost-effective, space-saving solution
- fast heat-up time due to high performance
- for exacting sterilization
- autoclaves with vacuum
- sterilization of liquids, solids, waste, etc
- customizable programming
- media sensor for liquids
- integrated documentation solution
- optionally with integrated water connection
- GMP/GLP, IQ/OQ/PPQ

Not every highlight is included in every model

12-45 liter
chamber volume

Application overview

CertoClav Autoklav	EL	MultiControl	Classic	MultiControl 2	MultiControl 2 Touch	Connect	Vac Pro
Sterilization of							
unpackaged solids without hollow bodies	+	+	+	+	+	+	+
liquids	+	+	+	+	+	+	+
bottles	+	+	+	+	+	+	+
instruments	+	+	+	+	+	+	+
synthetic materials	+	+	+	+	+	+	+
rubber (105 °C)		+		+	+	+	+
documentation		+		+	+	+	+
programmability		+		+	+	+	+
touchscreen					+	+	+
textiles							+
packaged instruments							+
porous materials							+
hollow bodies type A and type B (pipettes, empty glassware, vials and tubes) according to EN 13060							+
Processing / preparation of							
culture media	+	+	+	+	+	+	+
food preservation	+	+	+	+	+	+	+
material tests							
Pressure Vessel Test		+		+	+	+	+
GSB AL 631		+		+	+	+	+
HAST Test		+		+	+	+	+
ICP - TM 650		+		+	+	+	+
Waste treatment							
sterilization of waste	+	+	+	+	+	+	+
sterilization of waste in disposal bags							+
sterilization of biological hazardous substances (S2)		+		+			
Extended / long-term cycles							
		+		+	+	+	+



Vertical laboratory autoclaves made of aluminum

Benefits at one glance



The classics among our laboratory autoclaves have been on the market for over 60 years and impress with their robust construction. They are class N steam sterilizers and are vented by flow procedures or fractional venting.



The sterilization chamber is made of high-quality 3103 aluminum. A heater is pressed into the bottom of the chamber, but the heating elements do not get into contact with the water directly and therefore cannot calcify. This extends the service life of the autoclaves. Furthermore, our autoclaves are extremely low maintenance.



The laboratory autoclaves are ready for operation in just a few simple steps. The sterilization chamber can be opened and closed safely and easily with one simple step, simply turn the lid and remove it. They are both easily transportable and location independent. All you need is a power supply. The water is supplied by a mixture of tap water and demineralized water.



The autoclaves are safeguarded by a multiple safety system. It consists of an overpressure valve, a pressure valve, a safety lock inside the lid to prevent opening under pressure and the overpressure safety cavity.

CertoClav EL

The economical end-to-end solution

For more than 60 years, the CertoClav EL has been our tried and tested economic autoclave end-to-end solution with valve control. A precision thermometer, a control valve, and a precision manometer with drag indicator provide precise processes and accurate results for all applications.

This model is available in two versions, each with two temperature levels. You can choose between 125/140 °C and 115/121 °C. These temperature settings are controlled via the control valve on the lid. These valves are not interchangeable, because the thermostat of the device is harmonized and calibrated with the respective valve!



Important features

- The original!
- robust construction
- 2 temperature levels
- simple operation
- high heating capacity
- venting by flow procedure
- precision thermometer
- precision manometer with drag pointer
- heating plate integrated into base
- thermostat controlled

Scope of delivery:

incl. instrument tray and power cable

Specifications

	CertoClav EL 125/140 °C		CertoClav EL 115/121 °C	
Article number	8501312	8501318	8501312A	8501318A
Chamber volume	12 l	18 l	12 l	18 l
Chamber diameter	24 cm	24 cm	24 cm	24 cm
Chamber depth	26 cm	39 cm	26 cm	39 cm
Chamber material	3103-aluminium	3103-aluminium	3103-aluminium	3103-aluminium
Max. operating pressure	2,7 bar	2,7 bar	2,7 bar	2,7 bar
Mains connection	230 V, 50/60 Hz	230 V, 50/60 Hz	230 V, 50/60 Hz	230 V, 50/60 Hz
Heating capacity	1900 W	1900 W	1900 W	1900 W
Max. sterilization temperature	125 °C / 140 °C	125 °C / 140 °C	115 °C / 121 °C	115 °C / 121 °C
Net weight	6,2 kg	7,6 kg	6,2 kg	7,6 kg
Product dimensions (L*W*H)	39,5*27,5*50,5 cm	39,5*27,5*66,5 cm	39,5*27,5*50,5 cm	39,5*27,5*66,5 cm

Accessories

Article	Article number
Wire basket with handle	8583010
Service Set 1	1250499
Exhaust steam container	8582020
Exhaust steam hose	8582016
Distiller for water	8500482

CertoClav MultiControl

The programmable all-rounder

The CertoClav MultiControl is a PT100 sensor-controlled laboratory autoclave. It is operated via a MC2 controller. Via this control unit, the autoclave programming can be customized to fit your requirements. The possible settings range from 1 minute to 30 days and from room temperature to 140 °C. This simplifies and accelerates the work processes in the laboratory and, at the same time, offers a versatile range of applications. It is equipped with a USB and a printer port (RS232) for the transfer or printout of sterilization protocols. The automated process control saves valuable employee time and the automated error detection validates the sterilization result.

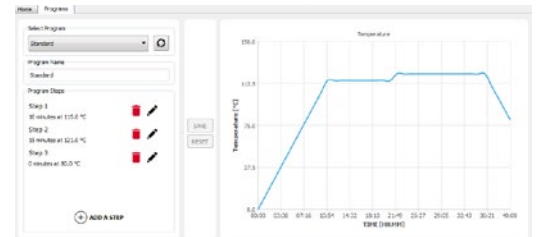
A software for the recording of process data via USB is included as a basic license. Without connecting a PC, the controller can only be used to set programs that only include one time and temperature step. For programs that include several time and temperature steps, the PC software Professional Version is required.

Important features

- microprocessor-controlled
- automatic venting
- electronic process control
- PT100 temperature sensor
- Time and temperature can be selected individually
- Controller with LCD display
- Venting by fractional flow procedure
- RS232 & USB port
- Heating integrated in the base

Scope of delivery:

incl. instrument tray, power cable, MC2 control unit



PC-Software Professional Version

Specifications

	CertoClav MultiControl	
Article number	8502312A	8502318A
Chamber volume	12 l	18 l
Chamber diameter	24 cm	24 cm
Chamber depth	26 cm	39 cm
Chamber material	3103-aluminium	3103-aluminium
Max. operating pressure	2,7 bar	2,7 bar
Mains connection	230 V, 50/60 Hz	230 V, 50/60 Hz
Heating capacity	1900 W	1900 W
Max. sterilization temperature	20 °C bis 140 °C, einstellbar	20 °C bis 140 °C, einstellbar
Net weight	6,6 kg	8,5 kg
Product dimensions (L*W*H)	39,5*27,5*48 cm	39,5*27,5*59 cm

Accessories

Article	Article number
Wire basket with handle	8583010
Service Set 1	1250499
Exhaust air filter	8582010
Filter cartridge	8582011
Exhaust steam container	8582020
Exhaust steam hose	8582016
PC Software Professional Version	8500210
Protocol printer	1300187
Distiller for water	8500482

Factory calibration possible.

Vertical laboratory autoclaves made of stainless steel

Benefits at one glance



The 2nd generation of our laboratory autoclaves are class N steam sterilizers as well. They are vented by flow procedures or fractional venting also.



The sterilization chamber is made of corrosion-resistant, electropolished stainless steel (316L), which makes it extremely robust. A heater is bolted to the bottom of the chamber, but the heating elements do not get into contact with the water directly and therefore cannot calcify. This extends the service life of the autoclaves. Furthermore, our autoclaves are extremely low maintenance.



The laboratory autoclaves are ready for operation in just a few simple steps. The sterilization chamber can be opened and closed safely and easily with one simple step, simply turn the lid and remove it. They are both easily transportable and location independent. All you need is a power supply. The water is supplied by a mixture of tap water and demineralized water.



The autoclaves are safeguarded by a multiple safety system. It consists of an overpressure valve, a pressure valve, a safety lock inside the lid to prevent opening under pressure and a two-bimetal safeguard to prevent overheating of the device.

CertoClav Classic

The economical end-to-end solution made of stainless steel

The robust CertoClav Classic is the result of the further development of the EL made of stainless steel and is extremely low maintenance. A precision thermometer, a control valve, and a precision manometer with drag indicator provide precise processes and accurate results for all applications. This model is available in two versions, each with two temperature levels.

You can choose between 125/140 °C and 115/121 °C. These temperature settings are controlled via the control valve on the lid. These valves are not interchangeable, because the thermostat of the device is harmonized and calibrated with the respective valve!

A timer is integrated to regulate the duration of the sterilization process. If the timer is activated, the device switches off automatically after the sterilization time has passed. If the timer has not been activated, the autoclave must be switched off manually.



control valve

Important features

- robust construction
- 2 temperature levels
- simple operation
- integrated timer function
- venting by flow procedure
- precision thermometer
- precision manometer with drag pointer
- heating plate integrated into base
- thermostat controlled

Scope of delivery:

incl. instrument tray and power cable

Specifications

	CertoClav Classic 125/140 °C	CertoClav Classic 115/121 °C
Article number	8510174	8510184
Chamber volume	18 l	18 l
Chamber diameter	26 cm	26 cm
Chamber depth	35 cm	35 cm
Chamber material	stainless steel 316L	stainless steel 316L
Max. operating pressure	2,7 bar	2,7 bar
Mains connection	230 V, 50/60 Hz	230 V, 50/60 Hz
Heating capacity	1300 W	1300 W
Max. sterilization temperature	125 °C oder 140 °C	115 °C oder 121 °C
Net weight	8,8 kg	8,8 kg
Product dimensions (L*W*H)	44,5*30*60,5 cm	44,5*30*60,5 cm

Accessories

Article	Article number
Wire basket with handle	1300149
Service Set 2	1310186
Exhaust steam container	8582020
Exhaust steam hose	8582016
Distiller for water	8500482

CertoClav MultiControl 2

The programmable all-rounder made of stainless steel

The CertoClav MultiControl 2 is a PT100 sensor-controlled laboratory autoclave. It is operated via a MC2 controller. Via this control unit, the autoclave programming can be customized to fit your requirements. The possible settings range from 1 minute to 30 days and from room temperature to 140 °C. This simplifies and accelerates the work processes in the laboratory and, at the same time, offers a versatile range of applications. It is equipped with a USB and a printer port (RS232) for the transfer or printout of sterilization protocols. The automated process control saves valuable employee time and the automated error detection validates the sterilization result.

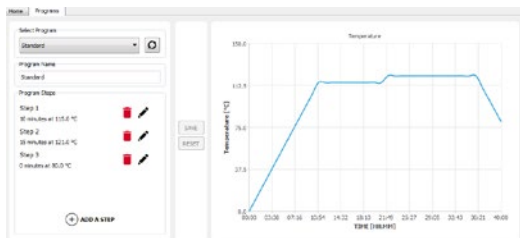
A software for the recording of process data via USB is included as a basic license. Without connecting a PC, the controller can only be used to set programs that only include one time and temperature step. For programs that include several time and temperature steps, the PC software Professional Version is required.

Important features

- microprocessor-controlled
- automatic venting
- electronic process control
- PT100 temperature sensor
- Time and temperature can be selected individually
- Controller with LCD display
- Venting by fractional flow procedure
- RS232 & USB port
- Heating integrated in the base

Scope of delivery:

inkl. Instrumentenplatte, Netzkabel, MC2 Steuerungseinheit



PC-Software Professional Version



Specifications

	CertoClav MultiControl 2
Article number	8510175
Chamber volume	18 l
Chamber diameter	26 cm
Chamber depth	35 cm
Chamber material	stainless steel 316L
Max. operating pressure	2,7 bar
Mains connection	230 V, 50/60 Hz
Heating capacity	1300 W
Max. sterilization temperature	20 °C bis 140 °C, einstellbar
Net weight	9,5 kg
Product dimensions (L*W*H)	44,5*30*53,5 cm

Accessories

Article	Article number
Wire basket with handle	1300149
Service Set 2	1310186
Exhaust air filter	8582010
Filter cartridge	8582011
Exhaust steam container	8582020
Exhaust steam hose	8582016
PC Software Professional Version	8500210
Protocol printer	1300187
Distiller for water	8500482

Factory calibration possible.

CertoClav MultiControl 2 Touch



The programmable all-rounder including documentation

The CertoClav MultiControl 2 Touch is the result of the further development of the MultiControl 2. It is built like the MultiControl 2 and provides all of its features and functions. In addition, it is equipped with the CertoTouch, a 7-inch, robust, high-resolution tablet. All operating steps are explained with training videos directly on the tablet.

Individual sterilization programs, which include several time and temperature steps, can be created directly with the tablet. In addition, the software provides user management for comprehensive documentation of operation. This automated documentation ensures that the autoclave meets all GLP requirements. As soon as the autoclave is connected to the internet via WLAN, it is automatically connected to the CertoCloud.

Important features

- microprocessor-controlled
- automatic venting
- electronic process control
- PT100 temperature sensor
- Time and temperature can be selected individually
- Controller with LCD display
- Venting by fractional flow procedure
- RS232 & USB port
- 7" tablet with video assistant
- Heating integrated in the base
- Cloud connection

Scope of delivery:

incl. instrument tray, power cable,
MC2 control unit, 7" tablet



Specifications

	CertoClav MultiControl 2 Touch
Article number	8510298
Chamber volume	18 l
Chamber diameter	26 cm
Chamber depth	35 cm
Chamber material	stainless steel 316L
Max. operating pressure	2,7 bar
Mains connection	230 V, 50/60 Hz
Heating capacity	1300 W
Max. sterilization temperature	20 °C bis 140 °C, einstellbar
Net weight	10,5 kg
Product dimensions (L*W*H)	44,5*30*53,5 cm

Accessories

Article	Article number
Wire basket with handle	1300149
Service Set 2	1310186
Exhaust air filter	8582010
Filter cartridge	8582011
Exhaust steam container	8582020
Exhaust steam hose	8582016
PC Software Professional Version	8500210
CertoServer	8500508
CertoCloud premium license	8500212
Protocol printer	1300187
Distiller for water	8500482

Factory calibration possible.

CertoClav Connect



The fully automated including documentation

CertoClav Connect is a fully automated laboratory autoclave that requires no prior training. It is operated by means of a 7"- high resolution touch screen, the CertoTouch. All operating steps are explained with training videos directly on the touch screen. The software provides user management for comprehensive documentation of operation. Individual programs can be generated directly at the touch screen.

When the device is connected to the Internet via WLAN, it automatically connects to the CertoCloud via a secure line. This allows all protocols to be accessed via a browser, and customized programs to be created and sent to the devices. Programs created directly on the device are synchronized as well.

Thanks to the automated documentation of users and cycles, the CertoClav Connect meets all GLP requirements.

Important features

- fully automated
- automatic venting
- electric exhaust valve
- optional flexible media sensor
- Time and temperature can be selected individually
- Controller with LCD display
- Venting by fractional flow procedure
- Ethernet, LAN, Wi-Fi
- 7" tablet with video assistant
- Cloud Connection
- Heating integrated in the base
- electronic safety interlock

Scope of delivery:

incl. instrument tray,
power cord, 7" Tablet



PT100-Temperatursensor –
For autoclaving liquids
optionally available.



Specifications

	CertoClav Connect
Article number	8510176
Chamber volume	18 l
Chamber diameter	26 cm
Chamber depth	35 cm
Chamber material	stainless steel 316L
Max. operating pressure	2,7 bar
Mains connection	230 V, 50/60 Hz
Heating capacity	1300 W
Max. sterilization temperature	20 °C bis 140 °C, einstellbar
Net weight	16 kg
Product dimensions (L*W*H)	44*38*54 cm

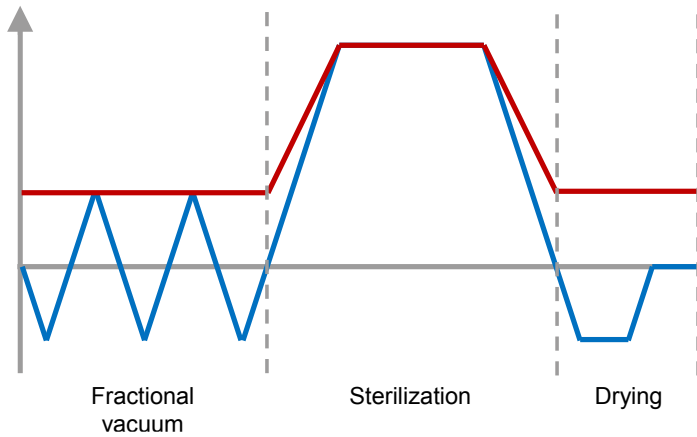
Accessories

Article	Article number
Wire basket with handle	1300149
Service Set 2	1310186
Media sensor	1300185
CertoServer	8500508
CertoCloud premium license	8500212
Distiller for water	8500482

Factory calibration possible.

Horizontal laboratory autoclaves

Benefits at one glance



By intelligently combining vacuum, pressure and steam, the autoclaves of the CertoClav Vacuum Professional series are ideal for liquids and solids of all kinds. The additional media sensor guarantees thorough sterilization of liquids such as culture media. By means of the vacuum pump (Made in Germany), solid bodies of all materials as well as hollow bodies are optimally sterilized. Thanks to the preheatable chamber, the air-cooling system and the vacuum pump, a fast sterilization cycle including drying of around 20 minutes is guaranteed.

The extra-large 7" touch screen offers intuitive operation, including free CertoCloud software for fully automated protocolling, remote maintenance, and an alarm system via PC, tablet or smartphone. The autoclave is able to notify maintenance personnel by e-mail or SMS. With its pre-defined standard programs, repeat function, automated documentation and short sterilization cycles, the CertoClav Vacuum Pro simplifies everyday work tremendously.



For the stand-alone devices only a power supply is needed. They are equipped with integrated water tanks for fresh and wastewater (3 l volume each). The water tanks are easy to clean and disinfect. The autoclaves with fixed water connection are prepared for permanent installation. They are supplied fully automatically with water via a V/E water line. If only tap water is available, the automatic water supply can take place via the optionally available CertoClav reverse osmosis system.

Accessories recommendation (detailed list starting on page 17)

- Drip tray for bottles
- Wire basket with drip tray
- Service Set 3
- Bacteria filter
- Protocol printer
- Label printer
- Barcode reader
- CertoServer
- CertoCloud Premium License
- CertoClav reverse osmosis device
- Distiller for water
- Template for IQ/OQ documentation
- IQ/OQ qualification

CertoClav Vacuum Pro

Autoclaves for all applications



NEW!

Important features

- ideal for material testing & quality control
- 8 customizable programs
- flexible media sensor
- 7" touch screen
- automated documentation
- RS232, RS485, USB, SD card
- Ethernet, LAN, Wi-Fi
- Cloud connection
- ideal for sterilization of culture media in bottles
- 45 liter chamber volume

Scope of delivery:

incl. tray set, power cable, 7" touch screen



- 12 customizable programs
- flexible media sensor (PT1000)
- 7" touch screen
- automated documentation
- RS232, RS485, USB, SD card
- Ethernet, LAN, Wi-Fi
- Cloud connection
- GMP/GLP compliant
- 12-22 liter chamber volume

Specifications

	CertoClav Vac Pro 12	CertoClav Vac Pro 18	CertoClav Vac Pro 22	CertoClav Vac Pro 45
Article number stand-alone*	8500487	8500488	8500489	8500610
Article number fixed water connection	8500487W	8500488W	8500489W	-
Chamber volume	12 l	18 l	22 l	45 l
Chamber diameter	20 cm	25 cm	25 cm	31,9 cm
Chamber depth	36 cm	35 cm	45 cm	61,7 cm
Chamber material	stainless steel 304L	stainless steel 304L	stainless steel 304L	stainless steel 304L
Max. operating pressure	230 kPa	230 kPa	230 kPa	230 kPa
Mains connection	220 V, 50/60 Hz	220 V, 50/60 Hz	220 V, 50/60 Hz	220 V, 50/60 Hz
Heating capacity	2400 W	2400 W	2400 W	2400 W
Max. sterilization temperature	105 °C bis 134 °C, einstellbar	105 °C bis 134 °C, einstellbar	105 °C bis 134 °C, einstellbar	105 °C bis 134 °C, einstellbar
Net weight	51 kg	53 kg	55 kg	120 kg
Product dimensions (L*W*H)	61*50*43 cm	61*50*43 cm	65*50*43 cm	84*64*56 cm

*integrated fresh and waste water tanks

Factory calibration possible.

Services and support

Testing and maintenance package

for all vertical models

1250000

CertoClav autoclaves are exemplary for a long-lasting and productive use. We recommend regular maintenance intervals to ensure constant availability of the device over its entire lifecycle. With our testing and maintenance package, this can be achieved very easily and cost-efficiently. During maintenance, all mechanical, electrical and electronic components are subjected to a visual and a functional check and are replaced if necessary. The testing and maintenance package includes an initial check, a non-binding cost estimate, an electrical safety test, a pressure test, a function test with temperature check and an inspection of the safety equipment.

Factory validation of sterilization cycle

for all vertical models

1250001

Temperature control with a certified EBRO data logger including a detailed temperature protocol.

Modification CV EL

CertoClav EL

8581000

Upgrade of your CertoClav EL to a MultiControl with MC2 controller (PT100). The base is converted to MultiControl with temperature sensor PT100, conversion of the lid to MultiControl with pressure control valve and MultiControl steam release spigot.

Repair service

1300000

In case of an incident you can rely on our repair service. Our employees will help you competently and quickly at any time. Only original CertoClav spare parts are used for repairs. Repairs are carried out solely by our qualified technicians.

IQ/OQ qualification

CertoClav Vac Pro 12 – 22

8500513

Factory validation including documentation



Accessories

Wire basket with handle

Accessory for	Material	Diameter	Height	Article number
Aluminum models	stainless steel 18/10	ø 23 cm	17 cm	8583010
Stainless steel models	stainless steel 18/10	ø 25 cm	22,5 cm	1300149



Wire basket with drip tray

Accessory for	Material	Diameter	Height	Length	Article number
Vac Pro 12	stainless steel	ø 13,5 cm	13,5 cm	32 cm	8500408
Vac Pro 18	stainless steel	ø 17 cm	17 cm	31 cm	8500409
Vac Pro 22	stainless steel	ø 17 cm	17 cm	41 cm	8500410
Vac Pro 45	stainless steel	ø 22,5 cm	19 cm	51 cm	8500411



Instrument tray

Accessory for	Material	Diameter	Height	Article number
Aluminum models	aluminum	ø 22,5 cm	4 cm	1252203
Stainless steel models	stainless steel 18/10	ø 25 cm	4 cm	1300155



Tray-Set with 3 trays

Accessory for	Material	Top Tray (W*L)	Middle Tray (W*L)	Bottom Tray (W*L)	Article number
Vac Pro 12	stainless steel	14*34 cm	18*34 cm	14*34 cm	8500479
Vac Pro 18	stainless steel	17*33 cm	22*33 cm	17*33 cm	8500480
Vac Pro 22	stainless steel	17*43 cm	22*43 cm	17*43 cm	8500481
Vac Pro 45	stainless steel	24,5*53,5 cm	25*53,5 cm	24,5*53,5 cm	8500404



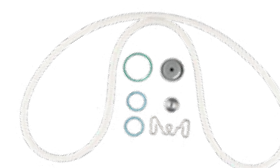
Drip Tray

Accessory for	Material	Width	Height	Length	Article number
Vac Pro 12	stainless steel	14,2 cm	1,6 cm	29,8 cm	1300765
Vac Pro 18	stainless steel	17,1 cm	1,6 cm	27,8 cm	1300766
Vac Pro 22	stainless steel	16,7 cm	1,6 cm	37,8 cm	1300767
Vac Pro 45	stainless steel	22,2 cm	1,6 cm	51,1 cm	1300768



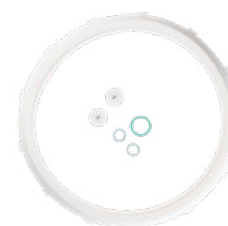
Service Set 1

Accessory for	Article number
Aluminum models The Service Set 1 for our vertical aluminum laboratory autoclaves includes one gasket each for the lid, the steam release spigot, the manometer and the pressure control valve and a steam release valve. The gaskets should be replaced every 2 years.	1250499



Service Set 2

Accessory for	Article number
Stainless steel models The Service Set 2 for our vertical stainless steel laboratory autoclaves includes one gasket each for the lid, the steam release spigot, the manometer and the pressure control valve and two steam release valves. The gaskets should be replaced every 2 years.	1310186



Service Set 3

Accessory for	Article number
Vac Pro 12-22 The Service Set 3 for our horizontal laboratory autoclaves contains a door gasket, a safety valve and a bacteria filter. The gaskets and the safety valve should be replaced annually. The bacteria filter should be changed every 300 cycles and is also available separately.	8500495



Bacteria filter

Accessory for	Article number
Vac Pro 12-22 Should be replaced every 300 cycles.	1300705



Exhaust air filter incl. condensation container with exhaust steam hose

Accessory for	Article number	
MultiControl MultiControl 2 MultiControl 2 Touch	Condensation container made of plastic with 5 l volume, incl. heat resistant hose made of silicon 1 m length, filter capacity 0,01 micron, dimensions (D*W*H): 18*18*29 cm	1252203

**Condensation container with hose**

Accessory for	Article number
All vertical models except Connect	8582020

Exhaust steam hose

Accessory for	Article number
All vertical models except Connect	8582016

**Spare filter cartridge**

Accessory for	Article number
Exhaust air filter	8582011

**Protocol printer**

Accessory for	Article number	
MultiControl MultiControl 2 MultiControl 2 Touch Vac Pro 12-45	For protocolling during sterilization on thermal paper. Dimensions (D*W*H): 20*12*11 cm Weight: 1 kg	1300187

**Thermal Paper**

Accessory for	Article number	
Protocol printer	10 rolls á 40 m	8500496

**Label Printer**

Accessory for	Article number	
Vac Pro 12-45	Prints expiration date and protocol information on a label Dimensions (D*W*H): 21*12*19 cm Weight: 1,74 kg	8500502

**Direct Thermal Label**

Accessory for	Article number	
Label printer	10 rolls, peel able	8500507

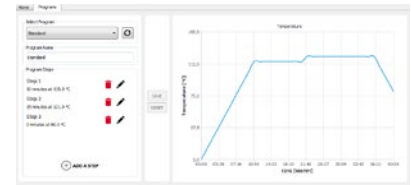
**Barcode Scanner**

Accessory for	Article number	
Vac Pro 12-45	Enables you to read the sterilization protocol of a sterilization good.	8500503



PC-Software Professional Version

Accessory for	Article number
MultiControl MultiControl 2 MultiControl 2 Touch	Enables customizable programs, including several time and temperature steps; unlimited license key 8500210



Media Sensor

Accessory for	Article number
Connect	PT100 temperature sensor necessary for autoclaving liquids, only available in combination with a new device 1300185



CertoServer

Accessory for	Article number
MultiControl 2 Touch Connect Vac Pro 12-45	with pre-installed autoclave management software, local server for the administration of autoclaves, generation of automated backups Dimensions (D*W*H): 11,2*11,6*4,447 cm Weight: 0,465 kg 8500508

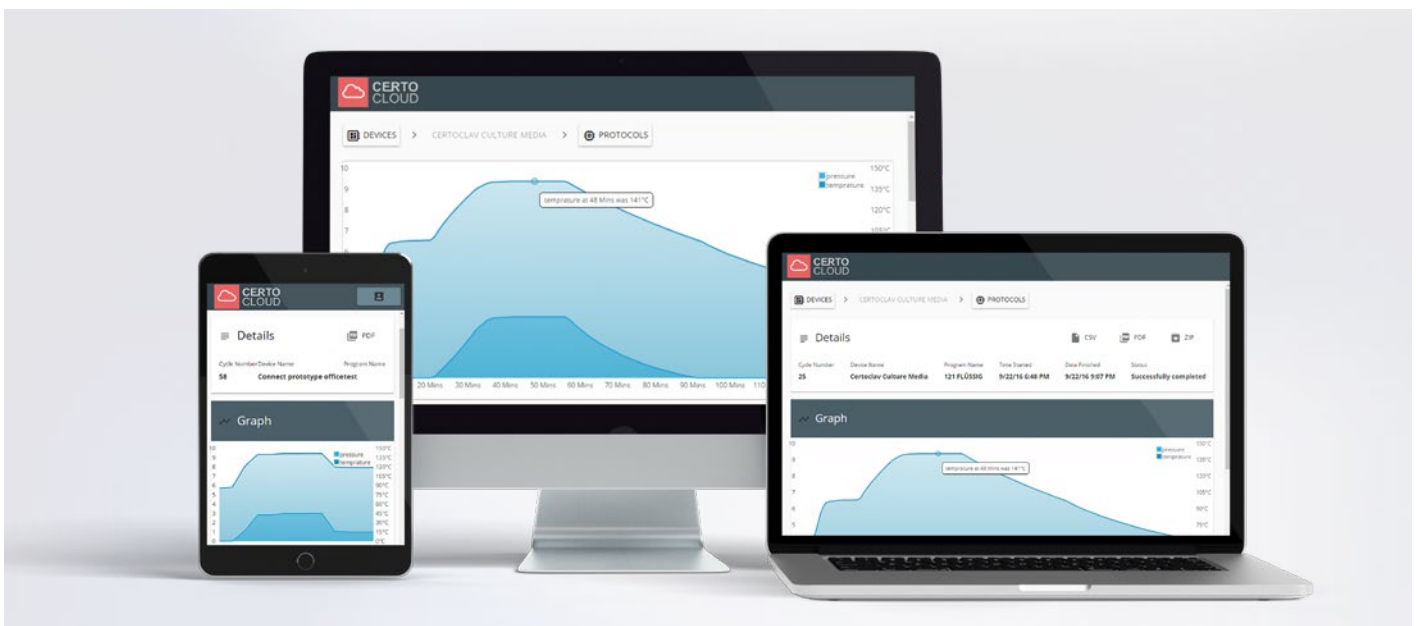


Template for IQ/OQ documentation

Accessory for	Article number
Vac Pro 12-22	On a USB flash drive 8500513

CertoCloud Premium License

Accessory for	Article number
MultiControl 2 Touch Connect Vac Pro 12-45	Unlocks the premium functions of the autoclave: activates SMS notification online storage for protocols directly at the autoclave Premium Remote Support Real-time monitoring of the autoclave via CertoCloud 8500212



CertoCloud (www.certocloud.com) – The cloud software for your autoclave.

Water purifications systems

High-quality, clean and demineralized water is extremely important for autoclaving.

Poor water quality could lead to deposits inside the autoclave chamber. We therefore offer two water purification systems.

A distillation unit for all CertoClav autoclaves without fixed water connection. With this stand-alone version you remain location independent.

Only a power supply is required. The installation requirement is minimal. Simply fill the distilled water into the chamber or water tanks of the autoclave.

Our autoclaves with fixed water connection can be connected directly to the water mains and drain through the CertoClav R/O system.

This automatic supply of standard-compliant water saves a great deal of work and time and guarantees reliable operation in long-term use.

Distillation unit for water

Accessory for	Article number
All models Distills fully automated 1.5 l/h Mains connection: 230 VAC, 50 Hz Power output: 750 W Dimensions (W*D*H): 29*29*39 cm Weight: 3,5 kg	8500482



CertoClav reverse osmosis device including filters

Accessory for	Article number
Vac Pro 12-22 with fixed water connection Reverse osmosis system for automatic water supply Autofill function Tap water connection necessary Mains connection: 110V-240V, 50-60Hz Capacity: 7-8 liters/hour Dimensions (W*D*H): 45*15*45 cm Weight: 20 kg	8500499



Sediment filter

Accessory for	Article number
R/O system Removes sediment particles & suspended solids Exchange interval 6 months	8500510



Carbon filter

Accessory for	Article number
R/O system Removes chlorine, heavy metals & volatile organic compounds Exchange interval 6 months	8500511



Membrane filter

Accessory for	Article number
R/O system Removes microorganisms & viruses Exchange interval 30 months	8500512



For further questions please do not hesitate to contact us!

Imprint

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The illustrations, information and technical data contained in this publication correspond to the information available at the time of printing. The author accepts no responsibility for the topicality, correctness, completeness or quality of the information provided.

All technical data apply exclusively to unloaded devices in standard design at an ambient temperature of 22 ± 3 °C and a mains voltage fluctuation of ± 10 %. We reserve the right to make technical changes without notice.

Further information is available at www.certoclav.com or personally from our team.



Notes

The warranty conditions are described in the respective certificates.

Deliveries are made according to our terms and conditions, which can be seen at: www.certoclav.com

Images may differ insignificantly from the product. Illustrations are not true to scale.

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