>> OUR CONVENIENT AUTOCLAVE, RIGHT ON THE LABORATORY BENCH. <<

18 LITER VOLUME

STERILISATION

MATERIALS TESTING

MEDIA PREPARATION

Applications

THE WIDE RANGE OF USING CERTOCLAV AUTOCLAVES

MICROBIOLOGY / BIO-CHEMISTRY

- Autoclave culture mediums
- Refuse sterilisation
- Efficiently processes small amounts – just in time

FOOD INDUSTRY

- The complete autoclave solution for laboratories in the food processing industry
- Sterilisation of utensils and refuse
- Culture medium preparation

MATERIAL TESTING

- Testing for vapour resistance and material quality
- Long running cycles, ICP-TM 650, HAST test, pressure vessel test, hydrolysis, GLB-AL 631
- Special fabrications available upon request
- CertoClav MultiControl with a freely programmable electronic control

SCHOOLS AND UNIVERSITIES

- Robust autoclave, ideal for daily training operation
- Special deals for schools – please inquire

PHARMACY

Sterilisation of instruments and packaging (i.e. eyedrop bottles and liquids)
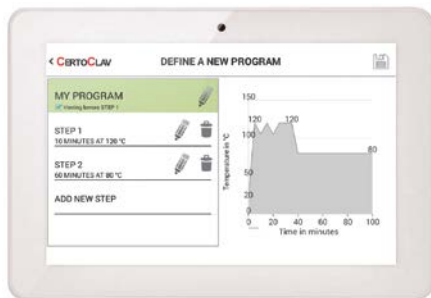
Overview

THE MAIN FEATURES OF OUR PRODUCTS

	Max. Temperature	Electronic Control	Programmable	Touch Screen + WLAN	USB Port	Printer Port	Volume	Chamber material	
ESSENTIAL	121	√				√	12/18	Alu	• Affordable solution • Printer for documentation • Automatic
CLASSIC	140						18	SS	• Very low maintenance (no electronics) • Time tested for 50 years
MULTICONTROL 2	140	√	√		√	√	18	SS	• Programmable autoclave • Multi-step time/temperature
MULTICONTROL 2 TOUCH	140	√	√	√	√	√	18	SS	• Same as MultiControl 2 • Touch Screen Controller • Cloud access
CONNECT	140	√	√	√		√*	18	SS	• Fully automatic (electric valves) • Media sensor optional
CULTURE MEDIA	140	√	√	√		√*	18**	SS	• Media preparator • Internal stirrer • Port for pumping, sterile Medien

* via Tablet Controller   ** 10 liter Media Container
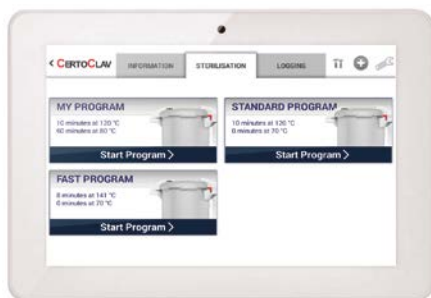
CertoControl

THE USER INTERFACE WITH ON-SCREEN TRAINING.

Define custom programs

- With a simple interface you can program multi-step processes of temperature and time. E.g. 20 minutes at 110° C, then 3 hours at 120° C and then 1 hours at 80° C.
- Long term cycles possible. Programming can be done in minutes, hours and days.
- Program is graphically displayed.
- Programs can be named.
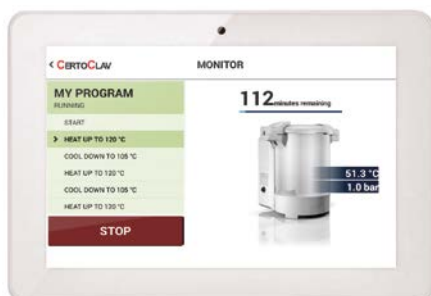- One-click solution to program a fractioned venting process.

Choose program

- All programs are displayed as icons with name and key data.
- Programs can be added an deleted.
- Full list of steps of each programm can be displayed.

Watch step-by-step video instructions

- All usage steps are explained in videos, e.g. when used as an autoclave the steps to load the unit are explained.
- No more need to train staff – the unit explains everything itself.
- Videos can be skipped once staff is proficient in using the equipment.

Show status of running programs

- Current step of program is displayed.
- Current data displayed.
- Time passed and remaining is displayed.

Scroll through protocol history

- Protocols are stored on the device.
- Target temperature and actual temperature are graphically displayed and accessible in numerical format.
- Error messages are displayed in detailed with explanation.

CertoCloud

EASY DATA ACCESS AND STORAGE.
ONLINE DEVICE MANAGEMENT.

Secure Connection

- SSL encryption
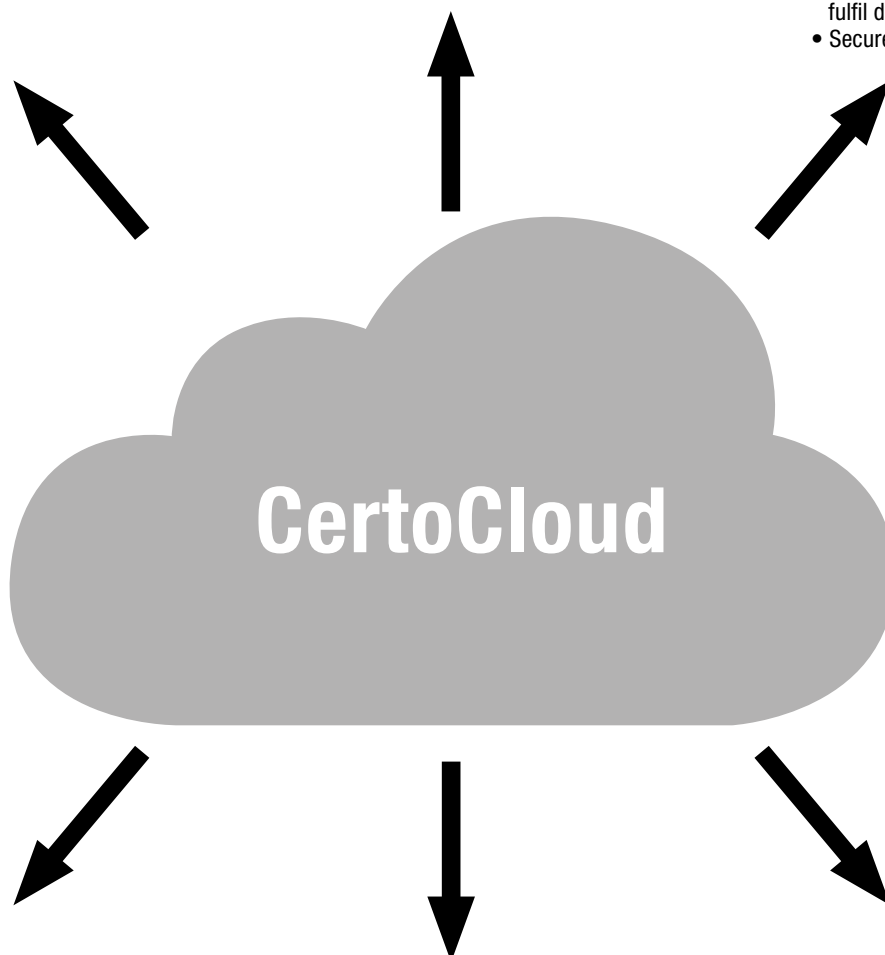- Secure server
- 100 % data privacy

Multi Device Management

- Combine all devices in one account
- Create programs
- Disseminate programs to all devices

Long Term Data Storage

- All data stored for 10 years to fulfil documentation requirements
- Secure backup

CertoCloud

Customization

- Custom reports
- Direct printing
- Freely definable data formats

Email Notifications

- Alarms
- Cycle complete
- Process data

User Management

- Individual accounts
- Accounts linked to devices

CertoClav MultiControl 2

THE FREELY PROGRAMMABLE AUTOCLAVE

Art.-No. 8510175 (18 litres)

FEATURES

- Set programs for all sterilisation tasks

- Logging of processes with PC Software (basic version included) or via printer.

- Simple program programmable on the controller (1 time / temperature step)

- Complex programs (mutliple time / temperature steps) can be entered with PC Software (Professional version required).

- Automatic venting process for reliable sterilisation.

- Programmable from room temperatur to 140° C

- Suitable for materials testing (ICP-TM610, HAST, GLB-AL 631)

INCLUDED

- Controller with with printer port and USB port

- Large LCD screen with temperature display

ACCESSORY

Wire basket

Art.-No. 8583010
Diam. 23, stainless steel

For easy filling with sterilisation goods.

Printer

Art.-No. 1300187

For easy print out of your documentation.

PC Software Professional Version

Art.-No. 8200210 (Art.-No. 8200211 when purchased in bundle with autoclave)

For programming of multi step programs.

CertoClav MultiControl 2 Touch

THE AUTOCLAVE WITH TOUCH SCREEN AND WIFI CONNECTION

PROGRAMMABLE

TOUCH SCREEN CONTROLLER

WLAN/CLOUD CONNECTION

Art.-No. 8510298 (18 litres)

FEATURES

- Automatic long term documentation in the cloud. Digitally signed protocolls according to 21 CFR Part / GMP guidelines.

- Freely programmable autoclave (by time and temperature, 6 program slots, each 14 steps).

- All features of CertoControl and CertoCloud.

- Printer port for printing of local.

INCLUDED

- 7 inch HD touch screen controller with WiFi and Bluetooth.

- Software with key features:
  - User Management
  - On-Screen video training and instructions for use
  - Live update of software
  - Video connection to support
  - One-touch ordering of spareparts
  - Programming of autoclave
  - Multiple languages

- Additional stand-alone power electronics that can be operated without touch screen controller.

ACCESSORY

Wire basket

Art.-No. 8583010
Diam. 23, stainless steel

For easy filling with sterilisation goods.

Printer

Art.-No. 1300187

For easy print out of your documentation.

Tablet controller holder

Art.-No. 1300463

Wall and table mountable holding arm.

TECHNICAL DETAILS

	ESSENTIAL	CLASSIC	MULTICONTROL 2
Key benefit	Low cost professional autoclave	Low cost autoclave for sterilisation up to 140° C with low maintenace	Electronic autoclave with PC / printer documentation. Freely programmable (with Pro Software)
Core use case	Automatic sterilisation of solids and waste	Sterilisation with low requirement concerning documentation	Sterilisation up to 140° C with documentation on printer or PC, Materials testing
Temperature control	Electronic	Mechanical thermostat	Electronic
Pressure control	Via temperature	Mechanical precision valve	Via temperature
Interface	Single button and 5 LEDs	Temperature selection knob	LCD display
Steam release	Automatic Steam release cock	Manual steam release cock	Automatic Steam release cock
Other key components	Printer port	Mechanical timer	
Optional equipment	Wire basket, printer	Wire basket	Wire basekt, printer, pro licence of PC software (for multi step programs)
Temperature range	121° C	125° C / 140° C selectable. Altern. model: 115° C / 121° C	Room temp. to 140°C, water bath mode with open lid
Max working pressure	1,2 bar	2,7 bar	
Chamber material	Aluminium	Stainless steel 304L	
Volume	12 or 18	18	
Diameter	24	26	
Rated voltage, Output	230 V AC, 50-60 Hz, 1900 W	230 V AC, 50-60 Hz, 1300 W	
Safety	4 fold safety system		
Compliance	CE marked, EU pressure directive 27 / 93 / EG, Low voltage directive 2006 / 95 / EG, Laboratory safety directive EN 61010-1 and -4, Electro magnetic compatibilty EN 61326, Workplace safety directive 2004 / 40 / EG and 2008 / 46 / EG		

TECHNICAL DETAILS

	MULTICONTROL 2 TOUCH	CONNECT	CULTURE MEDIA
Key benefit	Freely programmble autoclave with documentation in the cloud	Freely programmable autoclave, with electrical lock and documentation in the cloud	Culture Media preparator with internal stirrer and process ports
Core use case	Sterilisation und materials testing in environments with high documentation requirements	Fully automatic autoclave for liquids sterilisation and documentation in the cloud	Preparation of up to 10 litres of culture media
Temperature control	Electronic		
Interface	HD touch screen controler		
Pressure control	Via temperature	Electronic pressure sensor	Electronic pressure sensor
Steam release	Automatic Steam release cock	Electrical valve	Electrical valve
Other key components	WiFi,Printer port, PC Port (USB)	WiFi, Bluetooth	Stirrer, 10 l media bucket, media sensor, process ports, WiFi, Bluetooth
Optional equipment	wire basket, printer, holder for for tablet controler	wire basket, media sensor, holder for tablet controler	wire basket, holder for tablet controler, port for additives, extraction port
Temperature range	Room temp. to 140° C, water bath mode with open lid		
Max working pressure	2,7 bar		
Chamber material	Stainless steel 304L		
Volume	18		
Diameter	18		
Rated voltage, Output	230 V AC, 50-60 Hz, 1300 W		
Safety	4 fold safety system		
Compliance	CE marked, EU pressure directive 27 / 93 / EG, Low voltage directive 2006 / 95 / EG, Laboratory safety directive EN 61010-1 and -4, Electro magnetic compatibilty EN 61326, Workplace safety directive 2004 / 40 / EG and 2008 / 46 / EG		

Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.