>> 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)
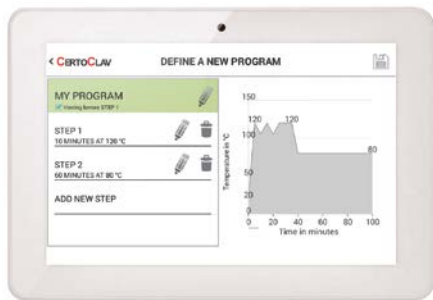
Overview

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

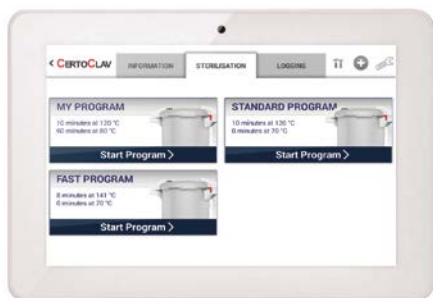* via Tablet Controller   ** 10 liter Media Container

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.
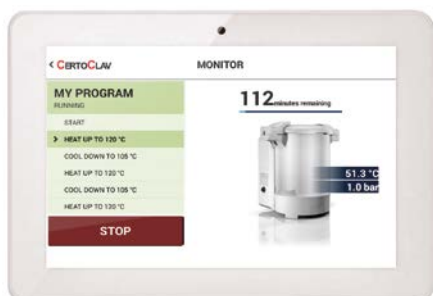- One-click solution to program a fractioned venting process.

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
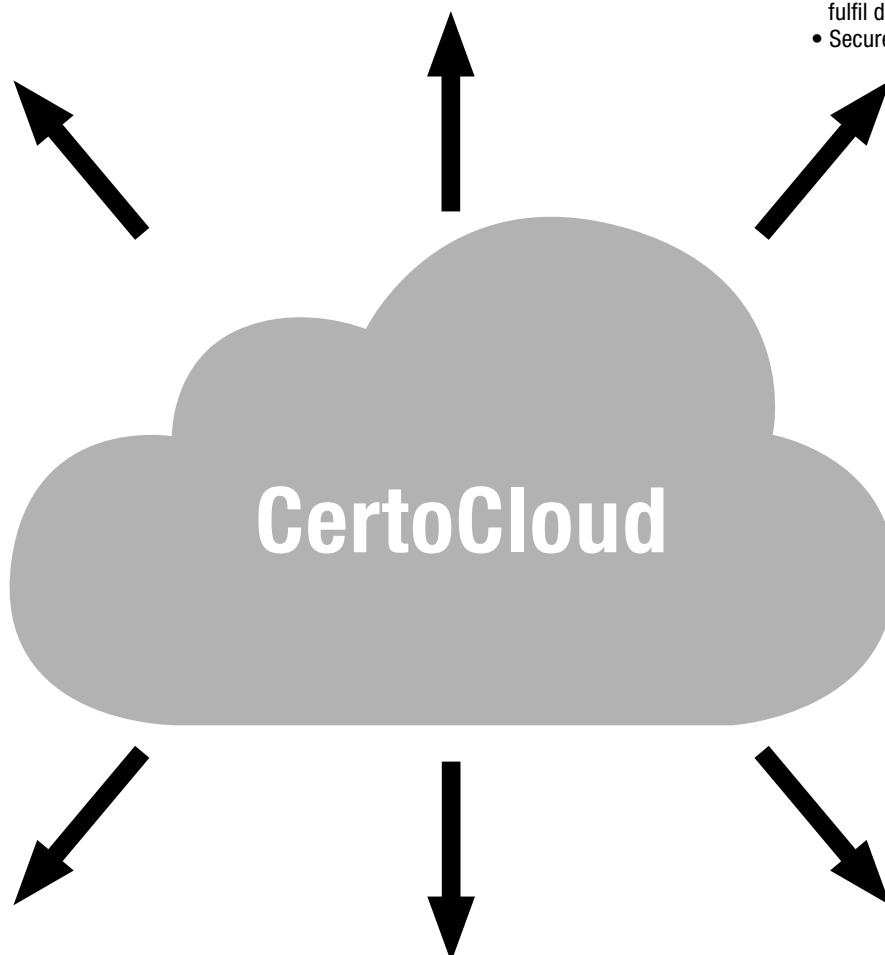• Secure server
• 100 % data privacy

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 Classic

AUTOCLAVING UP TO 140°C
WITH TIME TESTED TECHNOLOGY

Art.-No. 8510174 (for valve with 125 / 140° C), 8510184 (for valve with 115 / 121° C). Both 18 litres.

FEATURES

- One of the lowest cost solutions for reliable sterilisation and materials testing up to 140° C / 2,7 bar.

- Ultra-low maintenance autoclave with time tested technology.

- Precision valves guarantee that the required pressure and temperature for sterilisation are reached.

- Two levels selectable:
  125° C (1.4 bar / 20 psi) or 140° C (2.7 bar / 39 psi), alternative valve for 115° C / 121° C available

INCLUDED

- Presicision valve for 125 / 140° C (intermediate values possible)

- Thermostat for heat regulation

- Timer switch (5 - 60 minutes, permanent on)

ACCESSORY

Wire basket

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

For easy filling with sterilisation goods.

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		

WolfLabs

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

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.