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
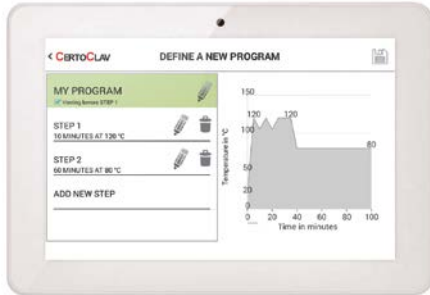- Special deals for schools – please inquire

PHARMACY

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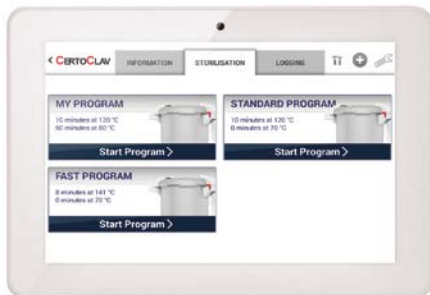
CertoControl

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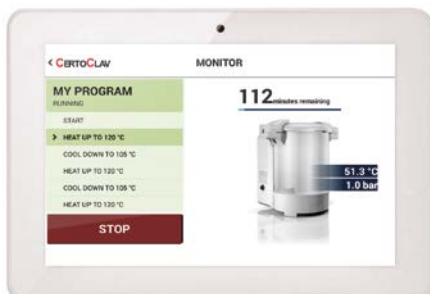- One-click solution to program a fractioned venting process.

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
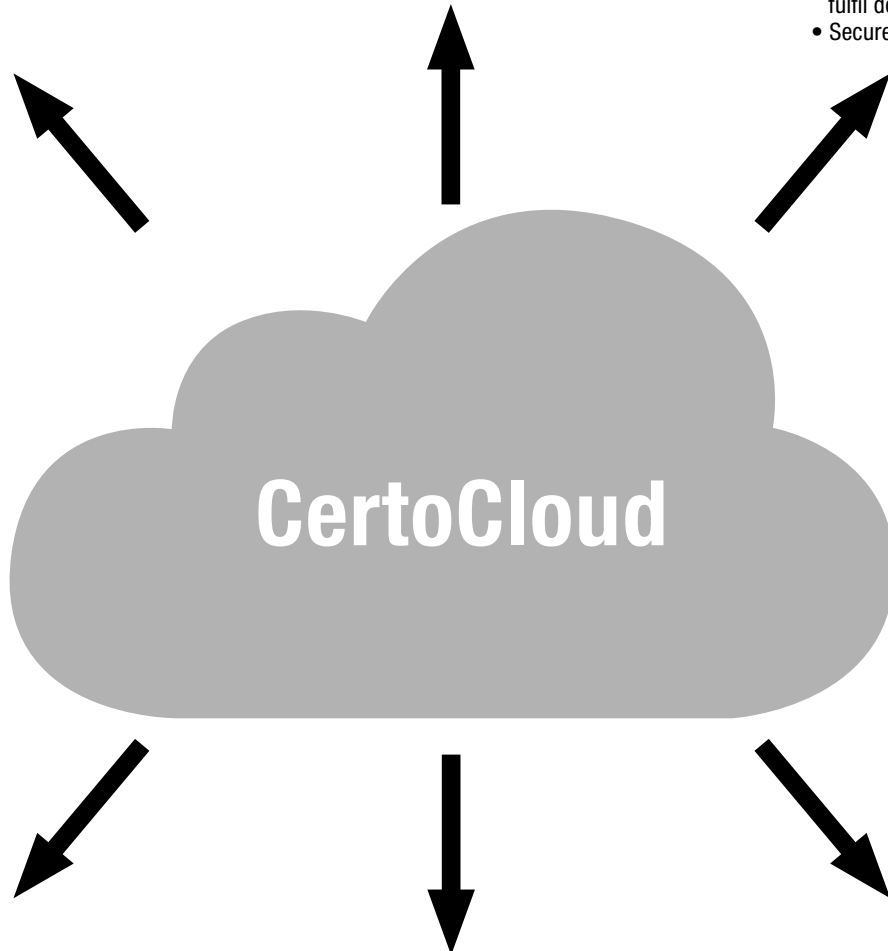- Secure server
- 100 % data privacy

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 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.

CertoClav Connect

THE AUTOCLAVE FOR EASY VALIDATION AND DOCUMENTATION

MEDIA SENSOR

ELECTRICAL LOCKER

ON SCREEN VIDEOS

LAN & WIFI

Art.-No. 8510176 (18 litres)

FEATURES

- HD touch screen controller for intuitive operation
- Connected to CertoCloud for online documentation
- Latest online security technology
- Usage instructions come as videos on the tablet controller
- Electromechanical lock opens when units has reached 80° C for safe sterilisation of liquids
- Useable as water bath with open lid
- Media sensor optionally available

INCLUDED

- HD Touch Screen controller with WiFi and Bluetooth
- All required Software is on the controller
- Exhaust steam condensator
- Validation port
- Temperature measurement in water and in steam

ACCESSORY

Wire basket

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

For easy filling with sterilisation goods.

Media sensor

Art.-No. 1300185

For precise sterilisation of liquids.

Tablet controller holder

Art.-No. 1300463

Wall and table mountable holding arm.

CertoClav Culture Media

THE AUTOCLAVE FOR EASY MEDIA PREPARATION

Art.-No. 8510177 (18 litres)

FEATURES

- Media preparator for up to 10 litres of culture media. Sterilisation up to 140° C.

- Ports for pumping out liquid and inserting additives.

- In waterbath mode, temperatures under 100° C can be operated with open lid.

INCLUDED

- 10 litre culture media stainless steel bucket.

- Media sensor for process guidance based on media temperature.

- Magnetic Stirrer for homogenity.

- Process ports for additives and for pumping out sterile media.

- Touch screen controller with cloud connection for GMP / 21 CFR Part 11 compliant documentation (3 month cloud usage included).

ACCESSORY

Wire basket

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

For easy filling with sterilisation goods.

Tablet controller holder

Art.-No. 1300463

Wall and table mountable holding arm.

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		

CONTACT

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CERTO**C**LAV

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