

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

PREVIEW
Not yet available!
Shipping starts Q3/2014

**18 LITER VOLUME
STERILISATION
MATERIALS TESTING
MEDIA PREPARATION**



CERTOCLAV ESSENTIAL



THERMOSTAT
PRECISION VALVE
TIMER

TIME TESTED RELIABILITY SINCE 50 YEARS

- 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

DAILY CONVENIENCE

- Compact design allows placement directly on the laboratory bench
- Robust design safeguards daily availability for decades with minimal maintenance
- Fast and easy autoclaving of solid instruments, liquids (culture media), bottles, equipment, waste

ACCESSORY: WIRE BASKET

For easy filling with sterilisation goods.



CERTOCLAV MULTICONTROL



PRINTER PORT
MULTI-LANGUAGE
PC PORT

BROAD RANGE OF APPLICATIONS

The easily programmable controller:

- Electronic controls for temperatures up to 140°C (2.7 bar / 39.2 psi) and time up to endless loops
- Set programmes for all sterilisation tasks
- Suitable for materials testing (ICP-TM610, HAST Test, GLB-AL 631)

COMFORTABLE DATA MANAGEMENT

Connection for PC and printer:

- Recording of process data on the control unit
- Port for printer (printer separately available)
- PC connection via USB
- Large LCD screen with temperature display
- Precision pressure gauge as mechanical reference

ACCESSORY: WIRE BASKET

For easy filling with sterilisation goods.



PRINTER

For easy print out of your documentation.



CERTOCLAV CONNECT

WEB CONNECTED
EN 13060 CONFORMING
GLP / GMP READY



REVOLUTIONARY USER INTERFACE

- 7 inch, high-res touch screen
- All process steps are explained with animations
- User management
- Freely programmable for endless applications

SEAMLESS DOCUMENTATION

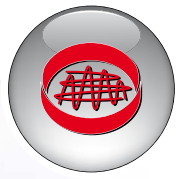
- Validation documents are created online in an interactive questionnaire
- All process data are available online (if enabled), alternatively full privacy ensured
- Easy integration into GLP processes

ACCESSORY: WIRE BASKET

For easy filling with sterilisation goods.



WIDE RANGE OF APPLICATIONS



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)



TECHNICAL DETAILS

	ESSENTIAL	MULTICONTROL	CONNECT
Key benefit	Autoclave for reliable sterilisation with low maintenance	Freely programmable autoclave with documentation	GLP-ready autoclave with intuitive user interface and easy validation
Core use case	Sterilisation with low requirements concerning documentation and automatization	Autoclaving with freely programmable temperature curves and basic documentation / process surveillance	Autoclaving with high level of documentation requirements, process security, and automatization
Temperature control	Thermostat	Electronic	Electronic
Pressure control	Mechanical precision valve	Mechanical precision valve	Electronic sensor and valve
Interface	Temperature selection knob	LCD screen with turn / push dial	Touch Screen
Steam release	Steam release valve with hose connection	Steam release valve with hose connection	Exhaust steam condenser
Other key components	Mechanical Timer	Printer port PC Port (USB)	On-machine instruction videos, User Management with access rights, Cloud-solution for data storage, WiFi connection and hotspot, Web Server
Optional equipment	Wire basket	Wire basket, Printer, PC documentation software	Wire basket
Temperature range	125°C / 140°C selectable alternative: 115°C / 121°C	Room temperature up to 140°C	Room temperature up to 140°C
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 compatibility EN 61326, Workplace safety directive 2004 / 40 / EG and 2008 / 46 / EG		
Max working pressure	2,7 bar / 39 psi (Test pressure 4,1 bar / 58 psi)		
Chamber material	Stainless Steel 304L		
Volume	18 Liter		
Diameter	26 cm		
Rated voltage, Output	230V AC, 50-60 Hz, 1300 Watt		
Safety	4-fold pressure relief system		

CONTACT



CERTOCLAV

Certoclav Sterilizer GmbH
Georg Grinninger-Str. 37
A-4050 Traun
Phone: +43 (0)7229 689
www.certoclav.com

Orders, technical customer service, custom-manufacture, dealer verification:

Christina Bokesch, Phone: +43 (0)7229 689 26, Fax: +43 (0)7229 74 141

Email: bokesch@certoclav.com

Product Manager: Klaus David, Phone: +43 (0)7229 689 28, Email: david@certoclav.com

Operating instructions, technical information and operation videos: www.certoclav.com.