≫ OUR CONVENIENT AUTOCLAVE, RIGHT ON THE LABORATORY BENCH. ≪

STERILISATION

MATERIALS TESTING

MEDIA PREPARATION

CERTOCLAV®
Convenient for daily use.

READY TO GO WITH 3 EASY STEPS

1 FILL

- Large usable volume by means of a vertical tank (also suitable for long instruments)
  - Compact design – fits directly on to the laboratory bench
  - The tried and tested complete autoclave solution

2 LOCK

- CertoLock bayonet locking device: Close the lid, turn, ready!
  - No water connection necessary
  - 4-fold security system

3 START

- Direct heating minimises the total cycle time
- Important equipment is ready for use in a jiffy
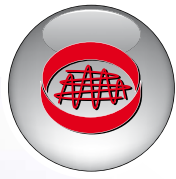- Fractionated air evacuation (MultiControl)

>> **Finally no more waiting when the large autoclave is occupied.** <<

>> **We have been using CertoClav devices in training for 25 years. Daily school operation demands a robust devices.** <<

>> **Device sterilisation, media preparation, refuse sterilisation. The complete solution for my food laboratory.** <<
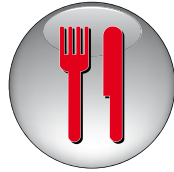
WIDE RANGE OF APPLICATIONS

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)

MODELS FOR EVERY DEMAND

CertoClav-EL 12 l/18 l
Autoclave with valve control and thermostat

Equipment:
- CertoSecure for 4-fold pressure security:
  Secure locking from opening under pressure, anti-lock security-control valve, excess pressure valve and overpressure safty recess
- Precision manometer with drag indicator
- Programme selection via control valve 125°C/140°C, special valve 115°C/121°C available on request
- Electrical thermostat
- Precision thermometer

CertoClav-MULTICONTROL 12 l/18 l
Autoclave with electronic comfort and security controls

Equipment:
- CertoSecure for 4-fold pressure security:
  Secure locking from opening under pressure, anti-lock security-control valve, excess pressure valve and overpressure safty recess
- Precision manometer with drag indicator
- Electronic comfort and security controls
- Programmable temperature (room temperature up to 140°C), time and fractioning stages
- Long running cycles and cycle counter
- Connection for temperature recorder (mV) and PC (RS232)
- Automatic results evaluation

WIRE BASKET
Ø: 225 mm
Height: 170 mm
Mesh width: ¼ inch
18 Litre model: 2 baskets
For easy filling with
sterilisation goods.

INSTRUMENT PLATE
Ø: 225 mm, Height: 40 mm
Aluminium
As a base plate over
the water.

TECHNICAL DETAILS

	CertoClav 12 l	CertoClav 18 l	MultiControl 12 l	MultiControl 18 l
Temperature/ pressure ranges	115°C (0,7 bar / 10 psi)* 121°C (1,2 bar / 17 psi)* 125°C (1,4 bar / 20 psi) 140°C (2,7 bar / 39 psi)		Temperature freely controllable from room temperature up to 140°C (2,7 bar / 39 psi)	
Test pressure	4,1 bar / 59 psi		4,1 bar / 59 psi	
Ventilation procedure	Flow procedure		Fractionated flow procedure	
Application areas	Sterilisation, culture medium preparation, refuse sterilisation		Sterilisation, culture medium preparation, material testing (ICP-TM 610, HAST test, GLB-AL 631), long running cycles	
Sterilisation goods	Solid instruments, liquids (culture mediums), bottles and equipment, refuse		Solid instruments, liquids (culture mediums), bottles and equipment, refuse	
Ø (inside)	24 cm		24 cm	
Inside height	26 cm	39 cm	26 cm	39 cm
Diagonal	35 cm	46,5 cm	35 cm	46,5 cm
Weight	7 kg	9 kg	8 kg	10 kg
Material	Aluminium No. 3103 according to DIN 1725		Aluminium No. 3103 according to DIN 1725	
Heating	Integrated		Integrated	
Rated voltage	230 V AC, 50-60 Hz		230 V AC, 50-60 Hz	
Performance	1900 Watt		1900 Watt	
Temperature indicator	Precision thermometer		Electronic indicator	
Pressure indicator	Precision manometer		Precision manometer	
Safety	4-fold pressure relief protection device		4-fold pressure relief protection device	
Shipment	With instrument plate		With instrument plate	
Order number	8501312*	8501318*	8502312	8502318

* Special valve. Specify with order. Order numbers: 12L = 8501312A; 18 l = 8501318A.
CertoClav EL can not be retrofitted on the CertoClav MultiControl.

CONTACT

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

Distribution