

Technical Data

Overview - Autoclave

Ambient temperature	-10°...+40°C
Volume of the autoclave chamber	12 L or 18 L
Maximum charge	9 kg with max. 3 L water inside
Sterilization cycle	as programmed
Venting	Flow process with fractionation
Max. Working pressure	2,7 Bar
Test pressure	4,1 Bar
Chamber designed according to	Low-voltage-directive 2014/35/EU
Voltage	230V ~10% 50 Hz
Power	Controller: 5,5 W, Heating: 1900 W
Interference suppression classification	N

Directives

- **Low-voltage-directive 2014/35/EU**

CertoClav MultiControl constructed according **Low-Voltage-Directive 2014/35/EU**.

Tested in accordance with:

EN61010-1:2001 (IEC 1010-1:2001) Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements

EN61010-2-040:2005 (IEC 1010-2-040:2005) Particular requirements for sterilizers and washer-disinfectors used to treat medical materials

- **Electromagnetic Compatibility Directive 2014/30/EU**

Associated standards:

EN 61326-1:2013 Electrical Equipment for measurements, control and laboratory use - EMC-Requirements Part 1: General requirements

EN 61000-3-2:2006 + A1:2009 + A2:2009 Electromagnetic Compatibility (EMC) — Part 3- 2: Limits - Limits for harmonic current emissions (Equipment input current equal to or less than <= 16A per phase)

EN 61000-3-3:2013 Electromagnetic Compatibility — Part 3- 3: Limits — Limits for voltage fluctuation and flicker on the public low-voltage system (equipment having an input current to or less <= 16 A per phase), and not subject to conditional connection.

EN 61010-1:2010

- **RoHS 2011/65/EU: Directive on the restriction of the use of certain hazardous substances**

Microbiological test certificate and air removal test by Österreichische Bundesstaatliche Bakteriologisch-Serologische Untersuchungsanstalt, Vienna (Federal Austrian Bacteriological and Serological Research Institute), Institute for Applied Hygiene, Graz (Institute of Applied Hygienic, Graz) and ANAWA, Munich.

CERTOCLAV MultiControl is **not** suitable for sterilization of tight sealed bottles and loads with aggressive media. For porous loads the **CERTOCLAV** MultiControl can't be recommended. Smaller amounts of textiles with low density can be sterilized. Liquids can only sterilized in small amounts. Large amounts will not reach the required temperature. Please contact CertoClav for special firmware versions if you want to sterilize liquids.