CertoClav MultiControl

A PT100 probe and a free programme: one minute to thirty days, room temperature to 140 °C.

The CertoClav MultiControl is a PT100 sensor-controlled laboratory autoclave. It is operated via a control unit.



Technical data

Chamber volume	12 L
Chamber diameter	24 cm
Chamber depth	26 cm
Chamber material	Aluminium 3103
Max. operating pressure	2.7 bar
Temperature	20 – 140 °C, adjustable
Heating power	1900 W
Electrical supply	230 V, 50/60 Hz
Net weight	6,6 kg
Dimensions (W × D × H)	39.5 × 27.5 × 48 cm
Orientation	Vertical, top loading
Control	Programmable, multi-step
Fractionated vacuum	No
Flexible media probe	No
Interfaces	USB, RS232 printer port
Country of origin	Austria

Released for

STERILISATION OF

- Unwrapped solids without hollow bodies
- Liquids
- Bottles
- Instruments
- Plastics
- Rubber (105 °C)

PREPARATION OF

- Culture media and agar

WASTE DISPOSAL

- Sterilisation of waste
- Waste in disposal bags
- Biological hazardous material (S2)

TESTING AND CYCLES

- Material testing
- Long cycles, up to 7 days

FUNCTION

- Digital documentation
- Programmable

EQUIPMENT AND CONNECTION

- Standalone, no plumbing needed
- Single-phase socket, no three-phase supply

Available versions

VERSION	ARTICLE NUMBER
12 L · programmable	8502312A
12 L · programmable · set with wire basket	8502412

Loading capacity: Aluminium series 12 L

Chamber Ø 240 mm, height 260 mm, effective height 220 mm.

LOAD CARRIER	ARTICLE	H × Ø MM	QTY
Instrument tray	1252203	41 × 225	1
Wire basket	8583010	170 × 230	1

BOTTLE	ML	H × Ø MM	BOTTLES
DURAN® Original GL 45	1000	230 × 101	**1***
DURAN® GLS 80	1000	218 × 101	**1***
DURAN® Original GL 45	500	181 × 84	**5**
DURAN® Youtility	500	193 × 78	**5**
DURAN® GLS 80	500	148 × 101	**3**
DURAN® Original GL 45	250	143 × 70	**7**
DURAN® Youtility	250	158 × 66	**8**
DURAN® GLS 80	250	105 × 95	**4**
DURAN® Youtility	125	124 × 55	**12**
DURAN® Original GL 45	100	105 × 56	**12**

* 3 in the MultiControl.

Source: CertoClav loading capacity sheet, 2021-04. DURAN® is a trademark of DWK Life Sciences.

Accessories

	ACCESSORY	ARTICLE NUMBER
	Instrument plate with feet	1252203
	Wire basket (EL, MultiControl)	8583010
	Lid gasket	1260404
	Service set 1	1250499
	Water distiller	8500482

	ACCESSORY	ARTICLE NUMBER
	Exhaust vapour container with filter and hose	8582010
	Exhaust vapour container with hose	8582020
	Exhaust vapour hose	8582016

CE marked. Conforms to 2014/35/EU (Low Voltage Directive), 2014/30/EU (EMC Directive), 2011/65/EU (RoHS Directive).Figures apply to article 8502312A; other versions may differ.Values marked “on request” are not published in this document.