CertoClav EL

Valve control, a precision gauge, and sixty years of service records.

For more than 60 years, the CertoClav EL has been our tried and tested economic autoclave end-to-end solution with valve control. A precision thermometer, a control valve, and a precision manometer with drag indicator provide precise processes and accurate results for all applications.



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	125 °C / 140 °C
Heating power	1900 W
Electrical supply	230 V, 50/60 Hz
Net weight	6,2 kg
Dimensions (W × D × H)	39.5 × 27.5 × 50.5 cm
Orientation	Vertical, top loading
Control	Manual, valve-controlled
Fractionated vacuum	No
Flexible media probe	No
Interfaces	:
Country of origin	Austria

Released for

STERILISATION OF

- Unwrapped solids without hollow bodies
- Liquids
- Bottles
- Instruments
- Plastics

PREPARATION OF

- Culture media and agar

WASTE DISPOSAL

- Sterilisation of waste
- Waste in disposal bags

FUNCTION

- Two temperature stages

EQUIPMENT AND CONNECTION

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

Available versions

VERSION	ARTICLE NUMBER
12 L · 125/140 °C	8501312

VERSION	ARTICLE NUMBER
12 L · 115/121 °C	8501312A
18 L · 125/140 °C	8501318
18 L · 115/121 °C	8501318A
12 L · 125/140 °C · set with wire basket	8501412
12 L · 115/121 °C · set with wire basket	8501412A
18 L · 125/140 °C · set with wire basket	8501418
18 L · 115/121 °C · set with wire basket	8501418A

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.

Loading capacity: Aluminium series 18 L

Chamber Ø 240 mm, height 390 mm, effective height 350 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	2000	265 × 136	**1**
DURAN® GLS 80	2000	248 × 136	**1**
DURAN® Original GL 45	1000	230 × 101	**3**
DURAN® Youtility	1000	253 × 93	**4**

BOTTLE	ML	H × Ø MM	BOTTLES
DURAN® GLS 80	1000	218 × 101	**3**
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**

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Accessories

	ACCESSORY	ARTICLE NUMBER
	Instrument plate with feet	1252203
	Wire basket (EL, MultiControl)	8583010
	Lid gasket	1260404
	Service set 1	1250499
	Water distiller	8500482
	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 8501312; other versions may differ.Values marked “on request” are not published in this document.