CertoClav VacPro 45

45 litres, a German-built vacuum pump, and documentation that writes itself.

The STE-45-T autoclave makes everyday laboratory work much easier thanks to its predefined standard programmes, automatic documentation and short sterilisation cycles. Its preheatable chamber, the air cooling system and the Made in Germany vacuum pump enable a fast sterilisation cycle including drying.



Technical data

Chamber volume	45 L
Chamber diameter	31,9 cm
Chamber depth	61,7 cm
Chamber material	Stainless steel 304L
Max. operating pressure	230 kPa
Temperature	105 – 134 °C
Heating power	2400 W
Electrical supply	220 V, 50/60 Hz
Net weight	120 kg
Dimensions (W × D × H)	64 × 84 × 56 cm
Orientation	Horizontal, front loading
Control	Fully automatic
Fractionated vacuum	Yes
Flexible media probe	Yes
Interfaces	WiFi, LAN, USB, CertoCloud
Country of origin	Austria

Released for

STERILISATION OF

- Unwrapped solids without hollow bodies
- Liquids
- Bottles
- Instruments
- Plastics
- Rubber (105 °C)
- Textiles
- Wrapped instruments
- Porous materials
- Hollow bodies type A and B to EN 13060

PREPARATION OF

- Culture media and agar

WASTE DISPOSAL

- Sterilisation of waste
- Waste in disposal bags

TESTING AND CYCLES

- Material testing
- Class B programme cycles

FUNCTION

- Digital documentation
- Programmable
- Touchscreen
- CertoCloud

EQUIPMENT AND CONNECTION

- Standalone, no plumbing needed
- Single-phase socket, no three-phase supply
- Fixed water connection with automatic refill: Ordering option, the 45 litre is a separate article (8500610W).
- Support pressure for sealed containers: Ordering option, fitted before delivery, not retrofittable. Article 8500613.

Loading capacity: Vac Pro 45

LOAD CARRIER	ARTICLE	W × H × L MM	QTY
Drip tray / plate for bottles	1300768	221 × 10 × 511	1
Wire basket	8500406	225 × 190 × 510	1
Tray set, tray	8500404	245 × 50 × 535	2
Tray set, tray	8500404	250 × 50 × 535	1

BOTTLE	ML	H × Ø MM	BOTTLES
DURAN® Original 45	2000	265 × 136	**3**
DURAN® Original GL 45	1000	230 × 101	**9**
DURAN® GLS 80	1000	218 × 101	**9**
DURAN® Original GL 45	500	181 × 84	**12**
DURAN® Youtility	500	193 × 78	**14**
DURAN® GLS 80	500	148 × 101	**9**
DURAN® Original GL 45	250	143 × 70	**20**
DURAN® Youtility	250	158 × 66	**21**
DURAN® GLS 80	250	105 × 95	**10**
DURAN® Youtility	125	124 × 55	**30**
DURAN® Original GL 45	100	105 × 56	**30**

Source: CertoClav loading capacity sheet, 2021-03. DURAN® is a trademark of DWK Life Sciences.

Accessories

	ACCESSORY	ARTICLE NUMBER
	Protocol printer	1300187
	Label printer	8500502
	Drip tray (VacPro 45)	1300768
	Wire basket (VacPro 45)	8500406
	Tray set with three drawers (VacPro 45)	8500404

	ACCESSORY	ARTICLE NUMBER
	Service set 5	8500407
	Bacteria filter (VacPro 45)	1300858
	CertoCloud Premium licence	8500212
	Water distiller	8500482
	Barcode reader	8500503

CE marked. Conforms to 2014/35/EU (Low Voltage Directive), 2014/30/EU (EMC Directive), 2011/65/EU (RoHS Directive).Figures apply to article 8500610; other versions may differ.Values marked “on request” are not published in this document.