



Vertical autoclaves, VAPOUR-line



The housing is made from powder coated steel

VAPOUR-Line autoclaves are ideal for different laboratory applications, such as: Liquids in open or slightly closed vessels, instruments and solids, unwrapped and waste sterilisation.

All VAPOUR-Line 80 and 135 models generate steam directly in the chamber. Heating elements are situated under the base of the chamber so there is no contact between them and feed water, ensuring long element lifetime and preventing contamination by spilt waste, broken bottles or similar. The elements are protected from overheating by a temperature limiter.

VAPOUR-Line 80M and 135M models are equipped with an effective air cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models.

- Equipped as standard with sterile filter for the chamber venting
- Microprocessor controller with 10 pre-programmed protocols (5 prerecorded freely modifiable and 5 protected by code)
- TÜV approved safety locking mechanism and thermal lock according to EN DIN 61010-2-43 with flexible sensor reference probe
- Air removal by gravity (except M models)
- Integrated exhaust steam condensation, water cooled and temperature controlled
- Integrated memory chip for storing up to 150 cycles (later printout possible)
- RS485 interface

Model	VAPOUR- line 80/80M	VAPOUR- line 135/135M
Capacity (l)	80	135
Temperature (°C)	98...138	
Heating power (W)	3000	3x2000
Voltage (V)	230	380 (3 phase)
Internal ØxH (mm)	410x600	500x660
WxDxH ext. (mm)	740x915x600	840x965x700
Weight (kg)	155/165	195/205

Description	Pk	Cat. No.
Basic units		
Vertical autoclave, VAPOUR-Line 80, UK-plug	1	481-0690
Vertical autoclave, VAPOUR-Line 135, UK-plug	1	481-0692
Air cooled units		
Vertical autoclave, VAPOUR-Line 80 M, UK-plug, with integrated cooling system	1	481-0694
Vertical autoclave, VAPOUR-Line 135 M, UK-plug, with integrated cooling system	1	481-0696

Description	Pk	Cat. No.
Accessories		
Stacking basket 400x300 mm (Øxheight) for 80/80M models (max 2)	1	481-0698
Waste bucket: 400x300 mm (Øxheight) for 80/80M models (max.1)	1	481-0699
Wire mesh basket with closed bottom: 400x245 mm (Øxheight) for 80/80M models (only in the lower part)	1	481-0702
Stacking basket 485x300 mm (Øxheight) for 135/135 M models (max. 2)	1	481-0700
Waste bucket: 485x300 mm (Øxheight) for 135/135 M models (max. 1)	1	481-0701
Wire mesh basket with closed bottom: 495x245 mm (Øxheight) for 135/135 M models (only in the lower part)	1	481-0703
Exhaust steam collecting tank (requires installation), for all models	1	481-0704
Printer	1	481-0697



Top Loading VAPOUR-Line^{eco} autoclaves



Inside pressure vessel and outside structure made in AISI 304 stainless steel mirror finished grade

Easy to use, automatic, flexible, reliable and convenient autoclave for all standard laboratory procedures with some special features as F₀ calculation and liquid sterilisation with flexible thermoprobe (for 50 litre model).

- User friendly programmer, instructions printed on the front panel
- Easy to install, easy to use and maintain
- Fully automatic with GLP special functions
- Reliable: 10 years warranty against perforating corrosion
- Customisable programs
- Safety: ABS insulating lid with vertical position lock – temperature dependent lid lock
- Flexible PT100 thermoprobe for eco 50 (fixed for eco 25), can be positioned in liquid load (max 50 ml recommended)

Conform to European PED regulations, CE mark. IQ, OQ, PQ documentation available on request.

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