

FVA/A1 SERIES

Where technology and design come together.

FVA/A1 series vertical steam sterilizers combine design and high-performance with simplicity of use.

These sterilizers have been specifically designed and developed to meet the most rigorous application requirements in analytical and microbiology laboratories, research institutes, pharmaceutical and food industries as well as medical and hospital sectors.



The *smart* autoclave

- Validated operating software DCS PLUS 10 for total control of functional parameters
- Reduced operating costs thanks to optimized consumption and faster and more efficient processes
- Sanitary diaphragm valve in AISI 316 L stainless steel with pneumatical actuator for maximum reliability and tightness
- Patented lid seal with compressed air system
- Wide front door with safety lock for total and immediate access to the technical area
- Perfectly airtight, safe and extremely easy to maintain
- Vertical positioning of filters avoiding frequent rupture

INDUSTRIAL EXPERTISE CUSTOMIZED **FOR YOUR LAB.**

FVA/A1 SERIES



DCS PLUS 10 process controller



Vacuum pump



Air sterilization filter



Diaphragm valve in AISI 316 L stainless steel with pneumatic actuator & decontamination of exhaust air with sterile filter



Separated steam generator



Designed in *Italy*.

Made in Switzerland.

Technical Features	FVA2/A1	FVA3/A1
Chamber volume (liters)	83	158
Useful loading capacity (liters)	75	140
Loading height (mm)	875	
Chamber/lid material	316 L stainless steel, low roughness surface	
Chamber dimensions (Ø x h) in mm	405 x 600	505 x 700
Empty weight (kg)	150	
Overall dimensions (w x d x h) in mm	1200 x 600 x 1305	
Max. operating pressure	3,5 bar (4 bar)*	
Max. operating temperature	148 °C (152 °C)*	
Standard supply & power requirement	400 V / 50 Hz + N + PE 6,5 kW	400 V / 50 Hz + N + PE 7,5 kW
Standards notified bodies	2014/68/EU - CE MARK - MDD (option)	

*HT versions

Suggested kits	Solid	Porous	Liquids (open)	Liquids (hermetically sealed)	Deco Filter	Deco Pathogen	Medical EN285	Food
Steam generator	✓	✓	✓	✓	✓	✓	✓	✓
Vacuum pump	▲	✓	○	○	✓	○	✓	✓
Internal air compressor	✓	✓	X	X	✓	X	✓	X
Condensate cooling unit	✓	✓	✓	○	✓	✓	✓	✓
Fast cooling unit	○	○	✓	✓	○	✓	○	▲
Chamber pressure tightness test	○	○	○	○	○	✓	○	○
Air-steam counterpressure cycle	○	○	○	✓	X	○	○	▲
Safety thermal locking device	○	○	▲	✓	○	▲	○	▲
Decontamination cycle with discharge air filter	○	○	○	X	✓	X	○	○
Decontamination cycle	○	○	○	○	X	✓	○	○
F ₀ sterilization	○	○	○	○	○	○	○	✓
EN 285 conformity (vacuum pump, sterile air filter and external recorder)	○	○	○	○	○	○	✓	○
Additional PT100 probe	○	○	▲	▲	▲	▲	○	▲
Process printer	○	○	○	○	○	○	✓	○
Slow vacuum	○	○	○	○	○	○	○	✓
Standard packing	✓	✓	✓	✓	✓	✓	✓	✓

X - not available

✓ - included

○ - optional

▲ - recommended

All models can be configured using a wide range of process and software options and an extensive choice of accessories. The basic version of the sterilizers is very easy to configure, thanks to its conceptual design and modular construction, with exclusive optional kits. FDA CFR 21 Part 11 and CFPP 01-01 conformity kits are available on demand.

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