

FOB4 SERIES

Wide flexibility. Real optimization.

The FOB4 Series combines excellent performance with overall high quality materials and simplicity of use.

The use of first-class quality materials specially developed for the pharma industry guarantees the highest safety standards and consumption savings.

These sterilizers have been specially designed with ergonomically features to easily handle the sterilization of large volumes.



The *smart* autoclave

- Validated operating software DCS PLUS 10 for total control of functional parameters
- Shortest batch times and optimum drying
- High efficient pre- heating/drying system guaranteed by the AISI 316 L stainless steel plate heat exchanger
- Full accessibility to technical area for easy maintenance
- Single or double vertical automatic sliding doors
- Display on loading and unloading sides
- Vertical positioning of filters avoiding frequent rupture

INDUSTRIAL EXPERTISE CUSTOMIZED **FOR YOUR LAB.**

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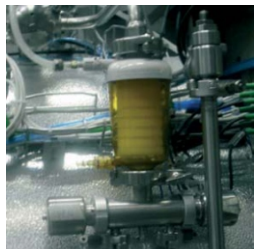
DCS PLUS 10 process controller



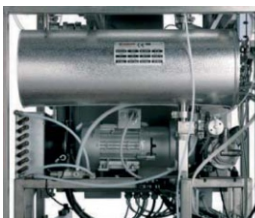
Modulating valve on steam inlet



Condensate drain cooler and vacuum pump



Decontamination of exhaust air with sterile filter



Separated steam generator with water booster pump

Technical features	FOB4-TS	FOB4S-TS	FOB4L-TS
Chamber volume (liters)	261	366	360
Useful loading capacity (liters)	147	210	210
Doors	1	2	1
Chamber/door material	316 L stainless steel, low roughness surface		
Useful chamber dimensions (w x d x h) in mm	430 x 635 x 550	430 x 948 x 550	430 x 935 x 550
Empty weight (kg)	370	510	410
Overall dimensions (w x d x h) in mm	860 x 1012 x 1890	890 x 1338 x 1913	860 x 1312 x 1889
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 16 kW		
Standards notified bodies	PED 97/23/EC - 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	✓	✓	✗	✗	✓	✗	✓	✗
Condensate cooling unit	✓	✓	✓	○	✓	✓	✓	✓
Fast cooling unit	○	○	✓	✓	○	✓	○	▲
Chamber pressure tightness test	○	○	○	○	○	✓	○	○
Air -steam counterpressure cycle	○	○	○	✓	✗	○	○	▲
Safety thermal locking device	○	○	▲	✓	○	▲	○	▲
Decontamination cycle with discharge air filter	○	○	○	✗	✓	✗	○	○
Decontamination cycle	○	○	○	○	✗	✓	○	○
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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