

# FOB – Benchtop lab sterilizer

## Applications:

Bio-pharmaceutical    Cosmetics    Food    Microbiology  
Packaging

## Loads:



## Processes:

Sterilization



FOB is a bench top lab sterilizer that combines excellent performance with high quality materials, ease of use and reduced utilities consumption.

The FOB series are suitable for many different applications, making it the perfect choice to satisfy modern laboratory needs. FOB series autoclaves combine technology and know-how, and can be used by very different laboratories, such as:

- Private and public microbiology labs
- High schools and universities
- Research institutes, life sciences and biotech labs
- Clinical diagnostic labs
- Agriculture, environmental and veterinary labs
- Material testing laboratories
- Quality control labs in pharma, food/beverage, chemistry/cosmetics and other industrial sectors.

FOB series autoclaves are used in highly specialized fields thanks to a wide selection of options on a modular system. Hence, FOB sterilizers can be configured to meet the most demanding user's requirements. FOB5 may be adapted to satisfy various laboratory applications and the treatment of many different types of loads, including waste with high pathogen risk, in addition to solid porous goods, packaged items and liquid/media, in open and sealed containers.

Powered by

**DCS PLUS 10**

## Key benefits

Modular concept: extremely flexible configuration Energy saving system

Adjustable operator display for an ergonomic positioning

Extensive choice of loading equipment (racks, adjustable shelves, baskets, etc.)

High level of programming with 30 configurable cycles

Special test programs (i.e. Bowie-Dick, vacuum, pressure leak, etc.) for routine check of sterilizer efficiency

cGLP compatible data management

## Contact

### Steritec Belgium

Av. J. Wybran 45 B  
BE-1070 Brussels  
T + 32 (0)2 520 11 50  
E [steritec@steritec.be](mailto:steritec@steritec.be)

### Steritec The Netherlands

Van Nelleweg 6060 \* NL-3044 BC Rotterdam  
Postbox 13060 \* NL-3004 HB Rotterdam  
T + 31 (0)10 753 72 21  
E [info@steritec.nl](mailto:info@steritec.nl)

## Design and Technical Features

FOB series of bench top lab sterilizers can be designed with four different chamber dimensions with single or double hinged doors for pass-through applications:

- FOB2-TS: 47 liters, single hinged door
- FOB2S-TS: 75 liters, double hinged door
- FOB3-TS: 90 liters, single hinged door
- FOB3S-TS: 122 liters, double hinged door

A unique opening/closing door system with patented pneumatic gasket seal guarantees perfect airtight, maximum reliability and improved safety for operators. Moreover, FOB autoclaves can be equipped with safety device in compliance with TRB402 and thermal interlock to prevent door opening.

Chambers, pneumatic valves and hydraulic components are made of 316L stainless steel, with sanitary electropolished finishing. FOB is designed to assure wide and easy access to technical area for maintenance activities.

Easy installation and quick connection to the utilities makes FOB series autoclave even more attractive. To assure energy savings, FOB has a heat exchanger recovery system installed out of the chamber to reuse the heat of condensate for water pre-heating before the steam generation.

FOB series is equipped with DCS PLUS 10 process controller: 30 cycles easy to customize in a multi-user environment with large touch-screen color display and interface for remote monitoring via Ethernet control. DCS PLUS 10 process controller is fully validated and documented.

Suggested kits	Solid	Porous	Liquids (open)	Liquids (hermetically sealed)	Deco Filter	Deco Pathogen	Medical EN285	Food
Steam generator Generatore di vapore	✓	✓	✓	✓	✓	✓	✓	✓
Vacuum pump Pompa del vuoto	▲	✓	○	○	✓	○	✓	✓
Internal air compressor Compressore aria	✓	✓	X	X	✓	X	✓	X
Condensate cooling unit Raffreddatore condense sullo scarico	✓	✓	✓	○	✓	✓	✓	✓
Fast cooling unit Raffreddamento rapido	○	○	✓	✓	○	✓	○	▲
Chamber pressure tightness test Test tenuta camera	○	○	○	○	○	✓	○	○
Air -steam counterpressure cycle Ciclo in contropressione aria-vapore	○	○	○	✓	X	○	○	▲
Safety thermal locking device Sistema interblocco termico	○	○	▲	✓	○	▲	○	▲
Decontamination cycle with discharge air filter Ciclo di decontaminazione con filtro scarico aria	○	○	○	X	✓	X	○	○
Decontamination cycle Ciclo di decontaminazione	○	○	○	○	X	✓	○	○
F <sub>0</sub> sterilization Sterilizzazione F <sub>0</sub>	○	○	○	○	○	○	○	✓
EN 285 conformity (vacuum pump, sterile air filter and external recorder) Conformità EN 285 (pompa del vuoto, filtro aria sterile e registratore esterno)	○	○	○	○	○	○	✓	○
Additional PT100 probe Sonda PT100 aggiuntiva	○	○	▲	▲	▲	▲	○	▲
Process printer Stampante di processo	○	○	○	○	○	○	✓	○
Slow vacuum Vuoto lento	○	○	○	○	○	○	○	✓
Standard packing Imballo standard	✓	✓	✓	✓	✓	✓	✓	✓

X - not available/non disponibile

✓ - included/incluso

○ - optional/opzionale

▲ - recommended/raccomandati

