

FVG – Vertical lab sterilizer

Applications:

Microbiology

Loads:



Processes:

Sterilization



FVG Vertical Lab Sterilizer combines excellent performances with overall high quality materials, simplicity of use and optimal consumption.

All FVG series autoclaves are equipped with a built-in steam generator with automatic water feed pump. These autoclaves can treat a wide range of laboratory goods with reliable sterilization technology, such as: glassware and plastic articles, unwrapped instruments, machine parts and components, porous goods, culture media and liquids in open small size containers, laboratory regular waste in open bags.

The FVG series sterilizers are suitable for the sterilization and decontamination in many different laboratory sectors as:

- Private and public microbiology labs
- High schools and universities
- Research institutes
- Life science and biotech labs

Powered by
TSC 09

Key benefits

Ergonomically designed chamber for maximizing loadable capacity

Quick connections to all utilities for easy handling and installation
timed free steaming with pulses for effective air removal

14 free configurable automatic programs

Multilevel passwords protected key-users access to ensure process safety

Set of four castors for easy moving and installation in lab room

Contact

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Design and Technical Features

FVG series can be provided in three different chamber useful volumes: 50 liters (FVG1) – 75 liters (FVG2) – 140 liters (FVG3).

Sterilization chamber and lid are made of AISI 316 L stainless steel, with mirror polished sanitary finishing. FVG operates at high-pressure (3,5 bar g) and temperature (140 °C).

Exclusive horizontal swiveling lid with pneumatic gasket “rotate-and-seal”, for improved user safety. FVG is equipped with a heat recovering system for water preheating to steam generator, assuring utilities cost saving.

FVG has TSC 09 microprocessor control system with graphic color LCD display and an exclusive dual sensor system, by pressure and temperature, for double regulation and control of the sterilization process.

Kits	FVS	FVG	FVG Agar
Steam generator <i>Generatore di vapore</i>	X	✓	✓
Vacuum pump <i>Pompa del vuoto</i>	X	O	O
Condensate cooling unit <i>Raffreddamento condensa</i>	X	✓	✓
Internal air compressor <i>Compressore aria</i>	✓	✓	X
Enhanced internal air compressor <i>Compressore aria maggiorato</i>	X	O	✓
Warm-up and warm-keeping programs <i>Programma di riscaldamento e mantenimento della temp.</i>	X	O	✓
External PC connection through RS232 port <i>Connessione a PC esterno via porta RS232</i>	X	O	O
Sterile air filter <i>Filtro aria sterile</i>	X	✓	✓
Validation port <i>Porta per sonda di validazione</i>	X	✓	✓
Cooling fan <i>Ventilatore per raffreddamento</i>	O	X	X
IQ/O activity <i>Attività IQ/OQ</i>	O	O	O
Standard packing <i>Imballo standard</i>	✓	✓	✓

