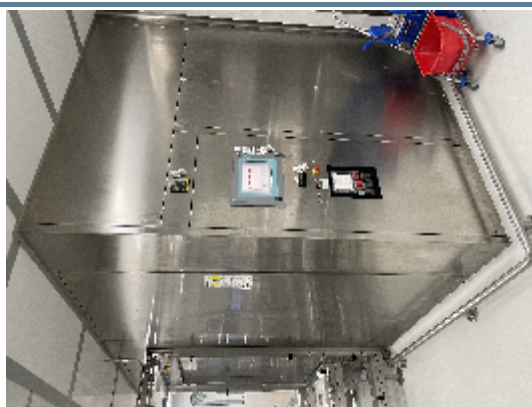




Autoclaves/Sterilizing Ovens/Freeze Dryers FEDEGARI FOA

Images





Product details

Category:	Autoclaves/Sterilizing Ovens/Freeze Dryers
Machine:	FOA
Machine code:	22MF147
Manufacturer:	FEDEGARI
Year of construction:	2003

Description

The FOA air-steam steriliser from 2003 is suitable for:

- Sterilisation of parenteral solutions, liquids in closed non-deformable containers (e.g. glass tubes) and liquids in closed deformable containers (e.g. plastic bags or bottles).
- Terminal sterilisation of pre-filled syringes.

The machine is designed to operate with the new RTWS3 temperature sensors, which, especially in the large automatic loading models, offer unparalleled ease of use and optimal process control:

It is equipped with fully automatic discharge/loading conveyors for maximum productivity with virtually zero maintenance inside the sterilisation chamber.

Where the product is subject to separation or to accelerate the thermal transition phases, the entire load can be rotated throughout the process.

Steam-air FOA process:

Magnetically driven fans force a high rate of fluid circulation within the chamber. Internal sanitary hollow plates add additional heating/cooling capacity, minimising the creation of condensation.

Steam and air are injected according to control algorithms to finely control the process.

This system is the usual choice when terminally sterilised products need to be dry-discharged.

Superheated water FOW process:

Water is continuously circulated through the system and sprayed onto the load. Fine control of heating and sterilisation is achieved by superheating the water with modulated steam.

Cooling of the load is achieved by subsequent cooling of the circulated water.

Back pressure control is in accordance with the steam-air mixing process. The process is efficient and faster than the FOA process.

It is also an ideal process for processing at <105 °C. Wet loads can be overcome by using an automated drying extension with the installation of specific drying solutions downstream of the sterilisation chamber.

Maximum permissible pressure ps (bar) inner chamber -1/3 outer chamber 2.5

Maximum permissible temperature ts(°C) inner chamber 143.6 outer chamber 138.9

Volume (V) inner chamber 13.080 l outer chamber 48x4

Test pressure pt (bar) inner chamber 4,6 outer chamber 5,3