



SATURATED PURE STEAM STERILIZERS

Inoxtorres design and manufacture Saturated Pure Steam Sterilizers for the sterilization of solid, porous or liquid loads, for medical and pharmaceutical companies.



Description:

The saturated pure steam sterilizer equipment PSS are rectangular type, with rectangular doors in order to be adapted to the trolleys. The doors can be automatically opened or closed directly from the control system, where all the chamber actions are handled (Alarms, Recipes, Graphics, Users, Synoptics, etc).

In the technical area, a very efficient liquid ring pump is installed to do the vacuum inside the chamber, in order to pull the air to replace it by saturated steam, and takes also advantage to eliminate the accumulated condensates in real time leading to an excellent temperature uniformity. In that technical zone are installed all the components required for the equipment operations.

The equipment are manufactured in high quality stainless steel, using welding methods like TIG or orbital type. Regarding qualification aspects, the chambers are tested and validated according stringent protocols.

Our standard designs go from a 288l and up to 8.960l, but the dimensions and design can be adjusted according final user needs.

Several advantages for our saturated steam sterilizers:

- Flexible design, according final user requirements.
- High efficiency, optimizing energy consumption and cycle time.
- Use of well known brands for all the components.
- A perfect temperature uniformity.
- High quality equipment based on optimized GMP design, fulfilling the most stringent European standards (EN285, PED 97/23/CE, CE marking, etc).

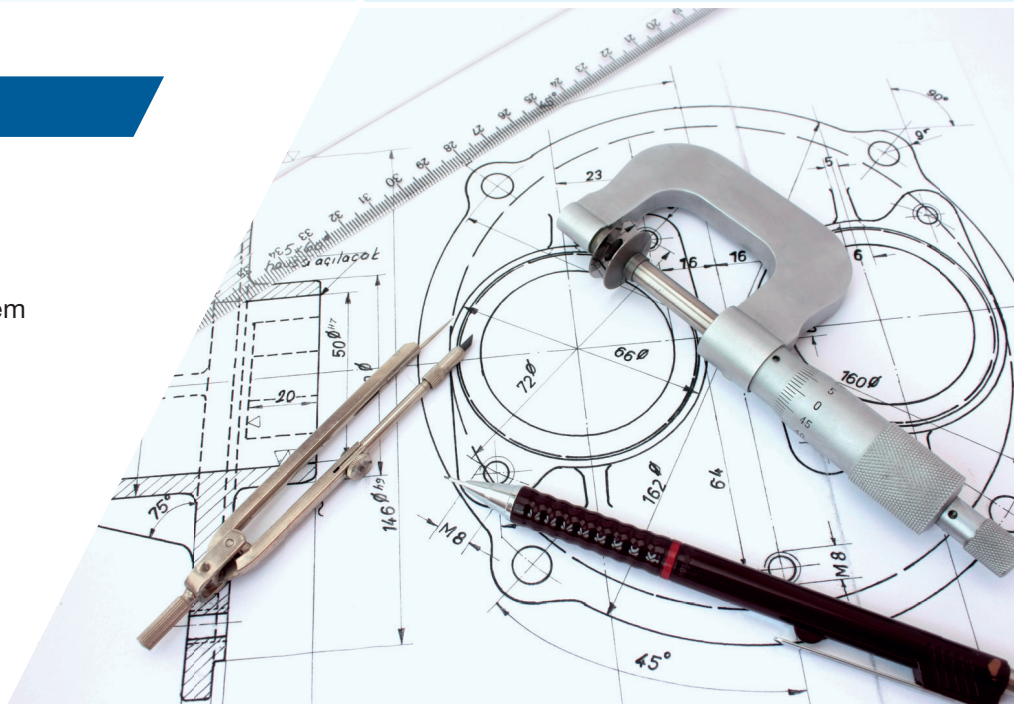
SAFETY:

For INOXTORRES, safety should be a priority for personal as well as for the Sterilization equipment. For that, the equipment have many technical features an specifications leading to a safe use:

- Full instrumentation (safety valves, transducers, pressure switches, etc...).
- Automatic door locking system.
- Emergency stop close to the door.
- Photocells on each doors for an optimum protection during opening and closing operations.
- Control system giving visual and audible alarms.

OPTIONS:

- Clean Steam Generator
- Mechanical polishing $Ra < 0,5$
- Pit mounting
- Automatic loading and unloading system
- Lateral panels
- Software validation
- Indirect or Direct Cooling
- Limit switches on pneumatic valves
- Trays, Carts and transfer trolleys
- SCADA Control System
- Steam & Air Sterilization
- Superheated water sterilization
- Drying by heated air pulses



RANGE OF PRODUCTS “PSS Models” * :

MODELS	WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	CHAMBER VOLUME (l)
PSS 668	600	600	800	288
PSS 6610	600	600	1.000	360
PSS 8810	800	800	1.000	640
PSS 8812	800	800	1.200	768
PSS 101010	1.000	1.000	1.000	1.000
PSS 101012	1.000	1.000	1.200	1.200
PSS 101014	1.000	1.000	1.400	1.400
PSS 101212	1.000	1.200	1.200	1.440
PSS 101214	1.000	1.200	1.400	1.680
PSS 121212	1.200	1.200	1.200	1.728
PSS 121216	1.200	1.200	1.600	2.304
PSS 121616	1.200	1.600	1.600	3.072
PSS 121620	1.200	1.600	2.000	3.840
PSS 161616	1.600	1.600	1.600	4.096
PSS 161620	1.600	1.600	2.000	5.120
PSS 161624	1.600	1.600	2.400	6.144
PSS 161628	1.600	1.600	2.800	7.168
PSS 162024	1.600	2.000	2.400	7.680
PSS 162028	1.600	2.000	2.800	8.960

* Dimensions could be adjusted according customer requirements.