INTIMAC S.R.L.
Via XXV Aprile, 8
21054 Fagnano Olona (VA) - Italia
Tel. +39 0331 1693557
email: inti@intisrl.it

Sold STILMAS PSG 1500 DTS

Images

Product details

Category:	Sold
Machine:	PSG 1500 DTS
Machine code:	IT140
Manufacturer:	STILMAS
Year of construction:	1998

Description

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Stilmas PSG – DTS Pure Steam Generators are designed and constructed according to the latest International Pharmacopeias amd the cGMP FDA. They are capable of solving any problem of sterilisation of pharmaceutical equipment and process lines. MAIN FEATURES: Immediate start up: thanks to the design as per “accumulating boiler” technology, the pure steam is immediately available. The unit is able to pass from stand-by to full capacity in few seconds. High Flexibility: the production capacity can be varied automatically from 0 to 100% according to the demand. Unique purification system: gravitational purification principle for better guarantee of steam purity. High Quality Steam: the quality of produced steam is constant in terms of pyrogen contents, superheat value and dryness fraction, independently from pressure and production flow rate. Simple and clean mechanical construction: baffle free decontamination chamber – no welding. Granting the best inspectability, minimized corrosion risk, for the longest expected life of equipment. Extremely limited maintenance. No moving parts, expansion joints or mechanical seals. No extra space in height is needed. Compact construction and low weight. Little extra head room needed for dismounting and inspection. Stilmas’ PSG – DTS Pure Steam Generators design is based in the “accumulating boiler” technology. The system is composed by two parallel bodies: the heat exchanger and the evaporator – decontamination column. Feed water is fed to the decontamination column (main body), while industrial steam is fed to the heat exchanger, shell side. Industrial steam heats the feed water to evaporation temperature, so creating a strong circulation inside the two bodies. The steam develops in the evaporator: steam low velocity and the height of the decontamination column eliminate any possible impure water droplets entrainment. A pressure transducer, installed in the evaporator, controls the feed of industrial steam to the heat exchanger, thus granting constant pressure of the produced pure steam. The feed water flow is controlled by a level transmitter installed in the evaporator. Capacity 1500 Kg steam per hour.