

Steam generator PS300

electrically heated steam generator

Stritzel
DAMPFTECHNIK

Technical data

Model	PS300-30	PS300-40	PS300-45
Electrical connection			
Input supply voltage	400 V, 50 Hz, 3 Ph/N/PE		
Heating boiler	30 kW	40 kW	45 kW
Total connection	approx. 30 kW	approx. 40 kW	approx. 45 kW
Net protection	50 A	63 A	80 A
Outgoing signals	dry contacts: operation, fault <i>Additional messages on request</i>		
Incoming signals <i>(optional and negotiable)</i>	Emergency OFF, remote start, external blowdown, etc. <i>dry contacts must be made available</i>		
Mechanical connection			
Steam outlet	ball valve ¾" i		
Water inlet	½" i		
Draining	ball valve ¾" i		
Safety valve	1" i		
Operating data			
max. operating temperature	150°C / 180°C		
max. operating pressure	5 bar or 10 bar <i>(blow-off safety valve)</i>		
adjustable working pressure	0-4 bar or 0-9 bar, adjustable in increments of 0.1 bar Switching differential 0.2 bar under ideal conditions <i>(for more control on request)</i>		
max. amount of steam	42 kg/h	56 kg/h	63 kg/h
water content to NW	22 liter		
Dimensions			
Length	approx. 970 mm		
Width	approx. 410 mm		
Height	approx. 760 mm		
Weight	approx. 90 kg <i>(unfilled)</i>		



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Housing

Base frame and hood made of stainless steel with integrated switch cabinet

Boiler casing

Two-part casing made of stainless steel 1.4571, electrically welded

Electrical equipment

Control panel wired in accordance with VDE regulations (Association of German Electrical Engineers), visual water level indicator SiemensLOGO! PLC control, operating display, electronically controlled water level, heating element made of stainless steel, heating capacity adjustable in step.

Safety devices

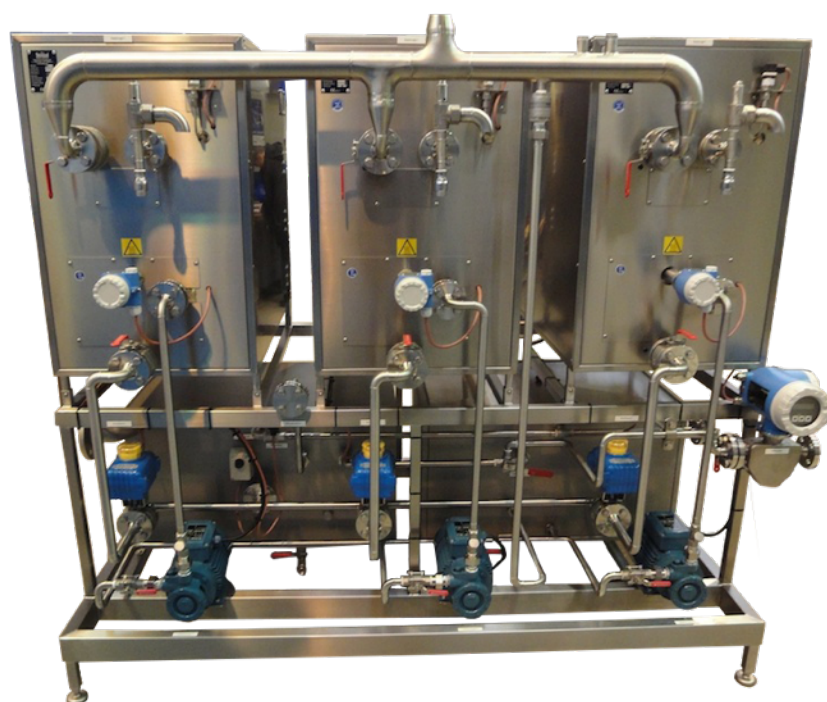
Overpressure safety valve (5bar or 10bar), overpressure limitation (mechanical), overpressure limitation (electronically), operational temperature limiter, electronically protection against water deficiency

Other devices

DREWS controller, pressure gauge, operating hour counter, temperature display, water level display min/max, illuminated controls, stainless steel fittings

Equipment for PS- steam generators

stationary or mobile consoles,
feed water vessels,
condensate tanks,
drain water vessels,
automatic blow-down systems,
water softening equipments,
steam traps,
steam superheater,
steam distribution,
steam valves,
other equipment on request



Multi-systems

Because of the individual variety of our modular system it is possible to combine several steam generators. As a result you get a multi-system with a higher steam-output.

