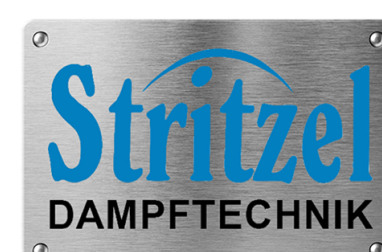


# Steam Generator PS300

electrical heated steam generator

Model	PS300-30	PS300-40	PS300-45
<b>Electrical connection</b>			
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 additional messages on request		
Incoming signals (optional and negotiable)	Emergency OFF, remote start, external blowdown, etc dry contacts must be made available		
<b>Mechanical connection</b>			
Steam outlet	ball valve ¾" i		
Water inlet	½" i		
Draining	ball valve ¾" i		
Safety valve	1" i		
<b>Operating data</b>			
max. operating temperature	150°C / 180°C		
max. operating pressure	5 bar or 10 bar (blow-off safety valve)		
adjustable working pressure	0-4 bar or 0-9 bar adjustable in increments of 0.1 bar		
max. amount of steam	42 kg/h	56 kg/h	63 kg/h
water content to NW	22 liter		
<b>Dimensions</b>			
Length	approx. 970 mm		
Width	approx. 410 mm		
Height	approx. 760 mm		
Weight	approx. 90 kg (unfilled)		





## Steam generator PS300

electrically heated steam generator

### **Housing**

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

### **Boiler casing**

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 (Exception: PS200-10 has only one heater)

### **Safety devices**

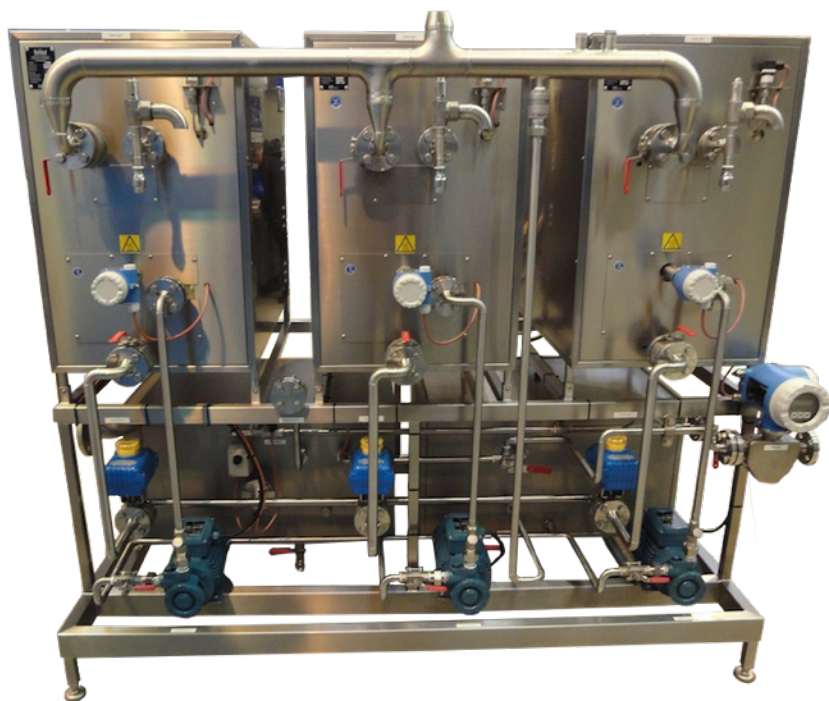
Overpressure safety valve (5bar or 10bar), overpressure limitation (mechanical), overpressure limitation (electronically), operational temperature limiter, electronically protection against water deficiency

### **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.

