

STEAM GENERATOR

To supply with steam / clean steam:

- Fermentors / bioreactors
- Autoclaves and
- Other systems



Manual Single Steam Generator

- Modular system, all stainless steel
- Short lead-time
- 4-level-heating, manual activation of levels
- Steam production of ca. 50 kg/h with 150°C and 4 bar (two chamber pressure vessel)
- Dry run protection, overpressure shutdown, feedwater automatic
- Dimensions: 1300 x 1500 x 800 mm (H x D x W)



Fully Automated Single Steam Generator

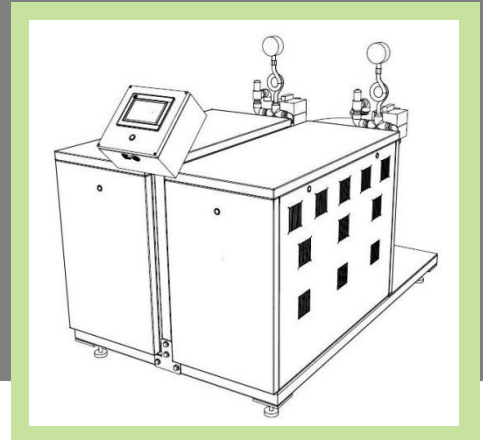
- Same features as manual steam generator but with fully automated control
- Touch Display
- Display of all relevant system parameters & status reports
- Monitoring of temperatures, pressures, levels
- Shutdown of the system in case of failure
- Automatic elutriation device with predefinition of elutriation intervals
- Remote monitoring via VPN, web or process control system possible
- Different access rights can be set
- Qualifiable
- Dimensions: 1300 x 1500 x 800 mm (H x D x W)



STEAM GENERATOR

To supply with steam / clean steam:

- Fermentors / bioreactors
- Autoclaves and
- Other systems



Fully Automated Tandem Steam Generator

- Same features as fully automated single steam generator
- 2 identical, parallel connected electric steam generators
- Automatic operating switch at low load and parallel operation at high load
- Time-controlled switching of the steam generators in economy mode
- In case of fault of one steam generator, the other one can be operated independently
- Dimensions: 1300 x 1500 x 1600 mm (H x D x W)

Options

- Water treatment (softening, reverse osmosis, WFI) + feed water vessel + high pressure pump
- Condensate return, cooling of sewage / condensate to a maximum influent temperature of 60°C
- Frame, castors
- Service and maintenance contracts by our partner ARA-Service Detlef Mohnke

