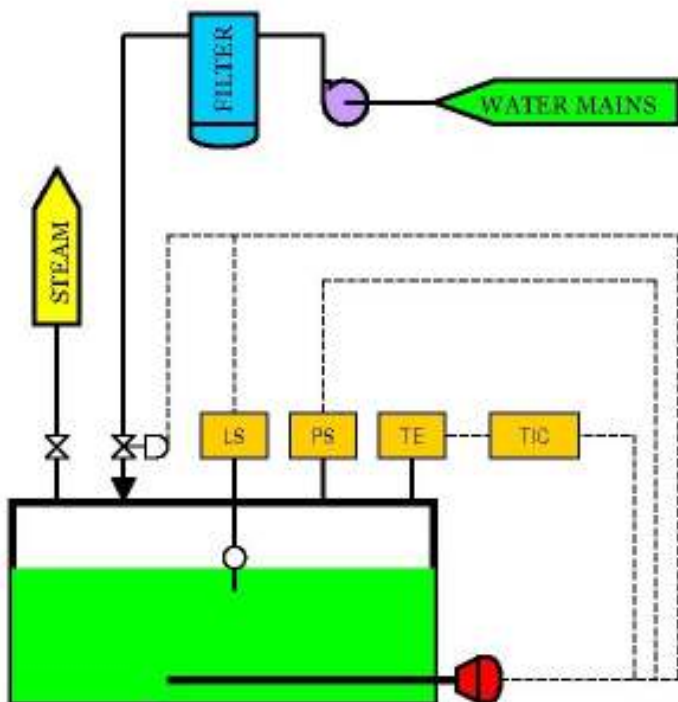


PURE STEAM GENERATOR



We manufacture pure steam generators (PSG) for use in fermentation, biotech & pharmaceutical applications.

Normal steam available from steam boilers contains impurities from water (salts, suspended solids) & boiler additives (zeolite, antiscalant, defoamers). No amount of post-treatment can completely remove the contaminants present in the steam. As a result, the steam is impure & not suitable for highly advanced processes such as cell cultures, plasmids, vaccines, injectables, etc. where the quality of steam is very important.

Pure steam is generated at source, by using additive-free pure water, adiabatic means of water evaporation & rust-free material of construction.

Salient features of our product are as follows :-

1. Number of models available
2. Fail safe design
3. cGMP compliant version available
4. Aesthetically pleasing appearance
5. Conductivity value of steam generated is comparable to that of feed water
6. Suitable for upto 2.5 kg/cm²(g) pressure / 135 °C temperature
7. Very accurate control within ± 0.1 kg/cm²(g) pressure / ± 1 °C temperature
8. Fully automatic & user friendly operation
9. Trained boiler operator / skilled operators not required
10. Can be operated by regular plant / laboratory personnel
11. Suitable for continuous & unattended operation
12. Power saving design; wastage of power minimized
13. PU foam insulation for safety & energy conservation
14. Very less heat-up time required
15. Totally pollution-free
16. Completely noiseless operation
17. Chimney & flue gas treatment unit eliminated
18. Adequate safety devices installed for operator safety
19. Completely safe for installation in plant or laboratory
20. Suitable for use with pressurized/non-pressurized feed water line or even with water cans
21. Control logic memory retained even during temporary power failure
22. Compact, trolley-mounted portable unit; requires very less floor space

Manufactured in India by :-

NAVIN PROCESS SYSTEMS

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