

BENCHTOP FERMENTOR (IN-SITU STEAM STERILIZABLE)



We manufacture a wide range of in-situ steam sterilizable benchtop fermentors.

These fermentors are an economical & user-friendly device for conducting experiments in Biochemical Engineering, Biotechnology, Food & Fermentation Technology, Microbiology & Biochemistry.

For this reason, they find favour amongst the research fraternity & in academic institutions.

They are used in colleges/institutes for demonstration to students & for practicals in fermentation technology. They find application in research laboratories for the purpose of process development & scale-up.

In-situ steam sterilizable fermentors are generally considered as difficult to operate due to complicated process operations. In our design, these difficulties are completely overcome due to our perfected proprietary equipment design, as well as the use of appropriate instruments for automation & process control.

Salient features of our product :-

1. Available in 3 sizes – 5, 10 & 15 litres (total volume)
2. Suitable for virtually any fermentation process application
3. Suitable for batch, fed-batch & continuous (chemostat) modes of operation
4. Variety of on-line instruments are available for monitoring of fermentation parameters
5. PC-based process control with SCADA fermentation software available
6. Rugged design; full stainless steel construction
7. Magnetic agitator is provided, which is ideally suited for aseptic processes
8. Bioreactor design suitable for facilitating scale-up to commercial levels
9. No loss of sterility even during long fermentation batches
10. User friendly
11. Easy to operate, clean, & store
12. Portable & compact design
13. Low noise & vibrations
14. Low power consumption; works on single phase power
15. Low maintenance downtime & cost
16. All essential accessories such as steam generator, air compressor & water conditioner are provided
17. Only electrical supply & softened water are required at installation site

Manufactured in India by :-

NAVIN PROCESS SYSTEMS

6, Vaidehi Residency, MIT College Road, Rambaug Colony, Kothrud, Pune – 411 038, India
Tel./Fax : 91-20-25460214 E-mail: info@napro.co.in URL : <http://www.napro.co.in>