Bioreactors.net

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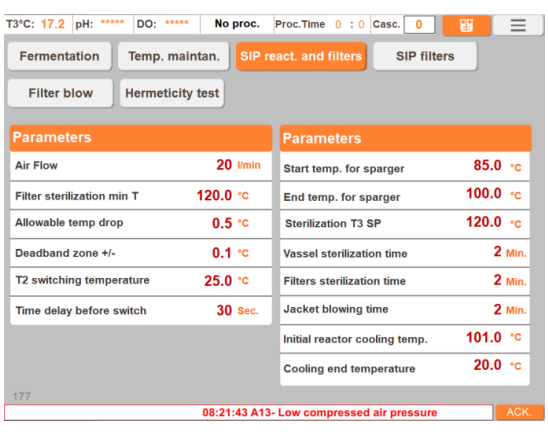
Sterilise in Place



Sterilization in Place (SIP) is an automatic sterilization procedure that is standard-issue for all of our pilot-scale bioreactors and bears many advantages:

- It reliably destroys all traces of possible contaminants with no disassembly required!
- It can be initiated with the click of a button and allows for multitasking without any risk of user error!
- Our SIP method uses indirect steam injection to heat the vessel, which prevents damage to the integrity of the broth and produces a more uniform sterilization, while also allowing the use of smaller amounts of clean steam, thereby saving resources.

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Fermentation Lab

At bioreactors.net we have our own fermentation laboratory, where we engage in research and development using our own bioreactors.
This way we continuously find innovative ways to improve our products from the perspective of the user, while at the same time allowing us to adapt to very specific demands from customers.

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Sterlizable Sampling Valve

At bioreactors.net we always make sure our products are fitted with the best possible components to ensure a reliable production process.
This fully sterilizable sampling valve for aseptic sampling uses either silicone of our own design or Viton™ membrane.
The sterilisation process is designed to be user-friendly and involves releasing steam into one of the outlets, while letting it out through the other.

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