Stay Informed

The Advantages of Single-Use Bioreactors

Bioreactors made of glass or stainless steel are traditionally used in the biopharmaceutical industry. However, maintenance tasks like cleaning are laborious and time-consuming and run the risk of contamination. Discover, how BioBLU® Single-Use Bioreactors can help you saving time and reducing risks.

1 Monitor your process non-invasively

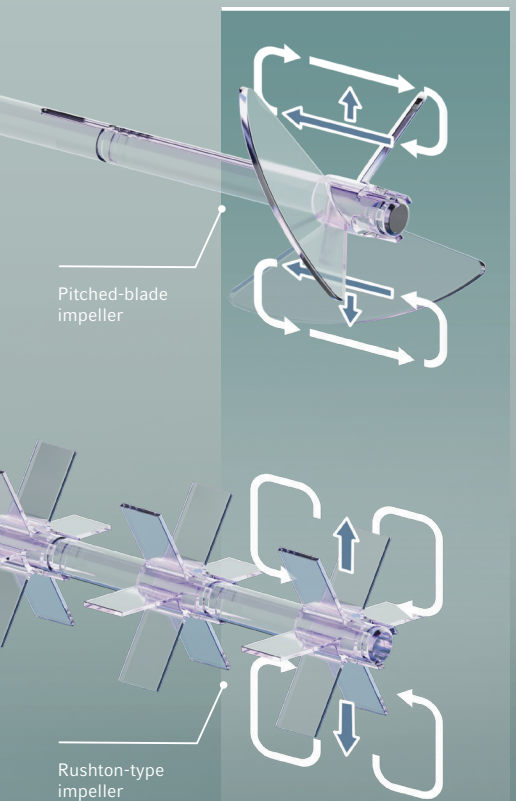
BioBLU Single-Use Bioreactors offer non-invasive sensor options for temperature, dissolved oxygen, and pH. This avoids direct contact of the sensors with the medium and thus reduces the risk of contamination.

BioBLU c Single-Use Bioreactors for cell culture applications

BioBLU f Single-Use Bioreactors for microbial fermentation

2 Reduce contamination risk

BioBLU Single-Use Bioreactors have sealed magnetic drives with fully enclosed bearings. This technology prevents having another potential source of microbial contamination.



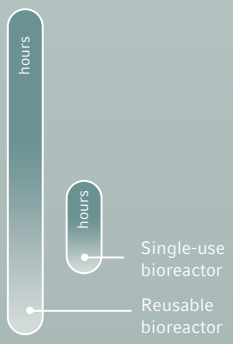
3 Avoid cross-contamination

Reusable vessels bear the risk of cross-contamination between runs due to improper cleaning. Single-use bioreactors eliminate this risk, because you use a new vessel for each run.

4 Save time

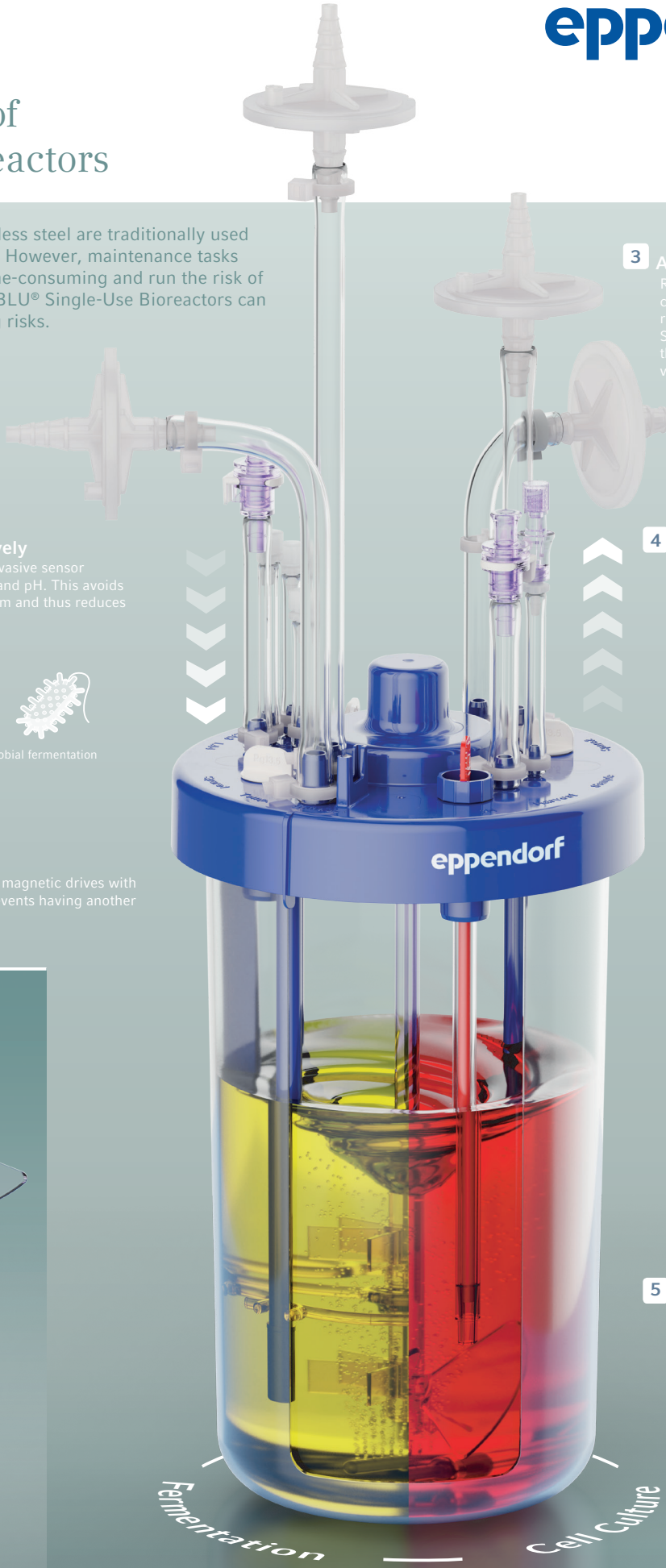
Avoid time-consuming procedures: Unlike reusable vessels, single-use bioreactors do not need to be cleaned. Most BioBLU Singe-Use Bioreactor types are delivered sterile and therefore do not need to be autoclaved. This also makes a cleaning and sterilization qualification unneccessary.

Bioreactor preparation times



5 Gain time for valuable tasks

The use of single-use bioreactors can facilitate significant time-savings. This gives you more time for your valuable reasearch.



BioBLU® Single-Use Bioreactor

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