Bridge the gap

in automated single-use technology between

R & D & MANUFACTURING

Benefits of using single-use technology

Components are inexpensive while durable enough for multiple uses.

Separation of capital and disposable equipment budgets allows more time to make the final decision on single-use configuration.

No need for cleaning or regeneration of components which decreases turnaround times.

Changing out configured single-use components often does not require modification to capital equipment.

Single-use components can be supplied pre-sterilized and ready to use.

Using pre-made disposable manifolds rather than building a flow path for each different processing run gives more consistent results.

Single-use technology can provide increased capacity as needed without requiring a second piece of equipment.

Benefits of consistency in R & D and Manufacturing

Materials are pre-qualified at the R & D stage and approved for use in the application.

Terminology is consistent between R & D and manufacturing.

Vendors are pre-qualified, audited and already in the supply chain.

Awareness of potential pitfalls in the large-scale process means future manufacturing problems can be prevented.

Operator training time is reduced and user confidence with technology is increased.

All steps can be performed aseptically so a cleaner process will be developed.

Using scaleable automation solutions and single-use components increases the likelihood that control parameters developed on small scale system are available on a larger system.

All stages of the process can be developed and perfected in conditions that do not require overhead of special facilities and areas that require constant maintenance.

Want to know more?

At Parker Bioscience Filtration we specialize in automatingand controlling single-use processes. By integrating sensor and automating technology into a process, parameters can be controlled more effectively, ensuring the quality of the final product from process development to GMP manufacturing.

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