

Maximize the safety, quality, potency and purity of your product

Mixing

NovAseptic mixers are designed for a wide variety of mixing applications in the pharmaceutical and biotechnology industries. Whether your process requires gentle agitation for cell cultures or vigorous mixing to quickly dissolve difficult solutes, NovAseptic mixers can provide you with a solution that meets all of your mixing needs.



Valves

NovAseptic valves are specifically designed to meet the unique requirements of high value unit operations. From cleanability and drainability to pipework sterilization and reduced dead leg – NovAseptic valves can ensure that critical criteria are met.



Connectivity

Designed to maintain cleanability and keep your process free of potential dead leg, NovAseptic connectors simplify connectivity to a variety of unit operations such as tanks, high value unit operations and service loops. What's more, these connectors provide ease of access to critical areas for sampling prior to product release. Trust the only NovAseptic 'NA' Connector to meet your stringent process requirements.



Get the most out of your process.

To ensure you are not wasting time and money on your existing process, consider taking advantage of Millipore's application support services. Whether you are looking to reduce mixing time or want to improve your existing process – we have the necessary tools that can maximize the safety, quality, potency and purity of your product.

If you would like to see a demo of a NovAseptic product, this can be arranged at either one of our Support application labs or at your facility. See for yourself how minor changes in your process can result in significant time and cost savings.



For additional information, please contact your Millipore application specialist or visit www.millipore.com

U.S. and Canada, call 1-800-MILLIPORE (1-800-645-5476).

Outside the U.S. and Canada, call the Millipore office nearest you.



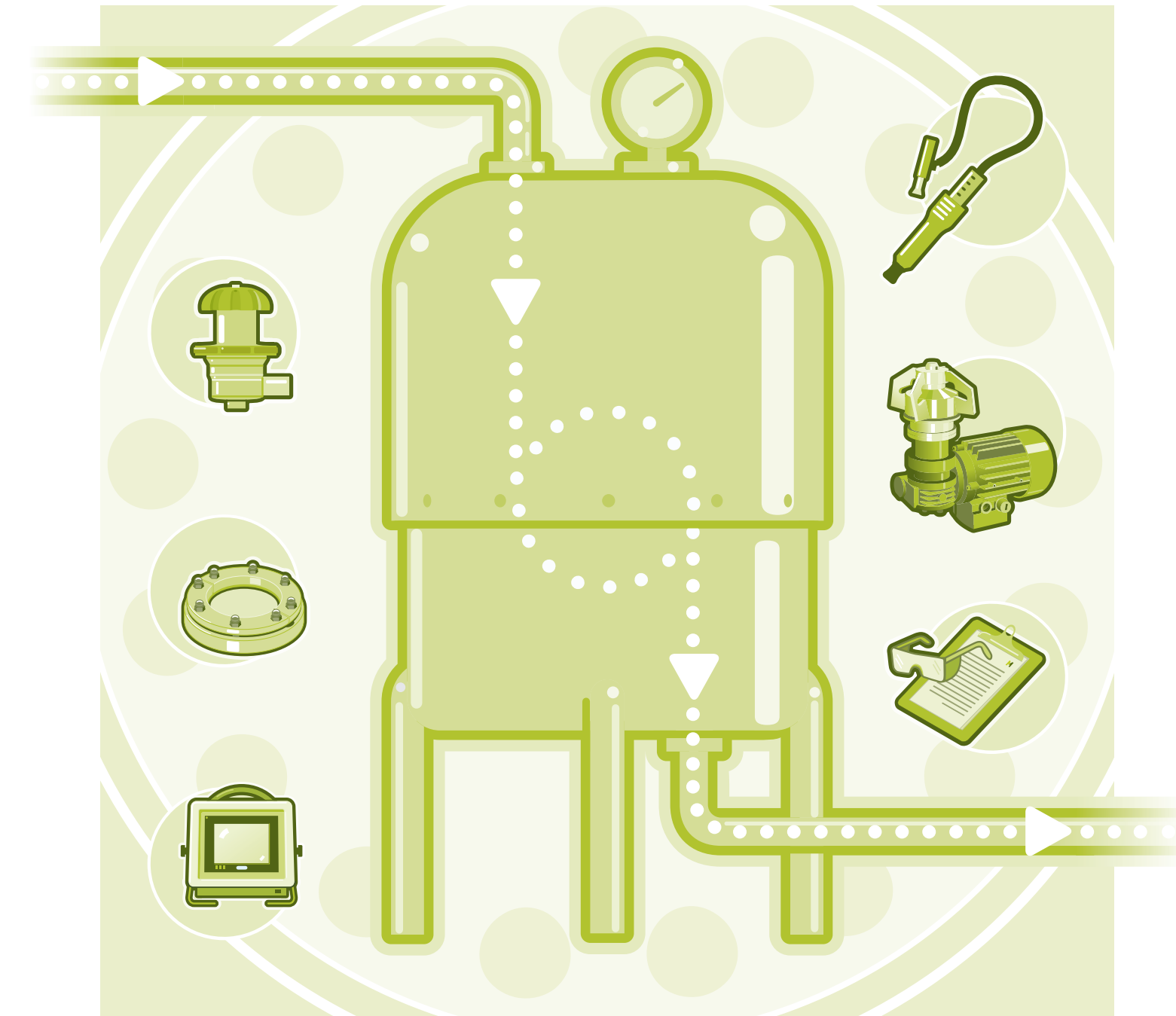
www.millipore.com

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Into and Around the Tank

Your solution for optimal tank performance and longevity



Into and Around the Tank

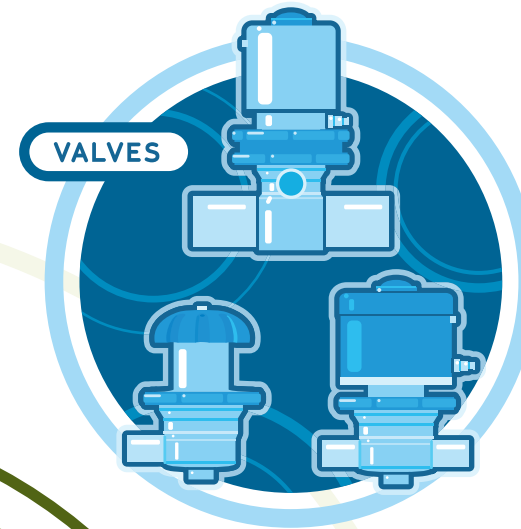
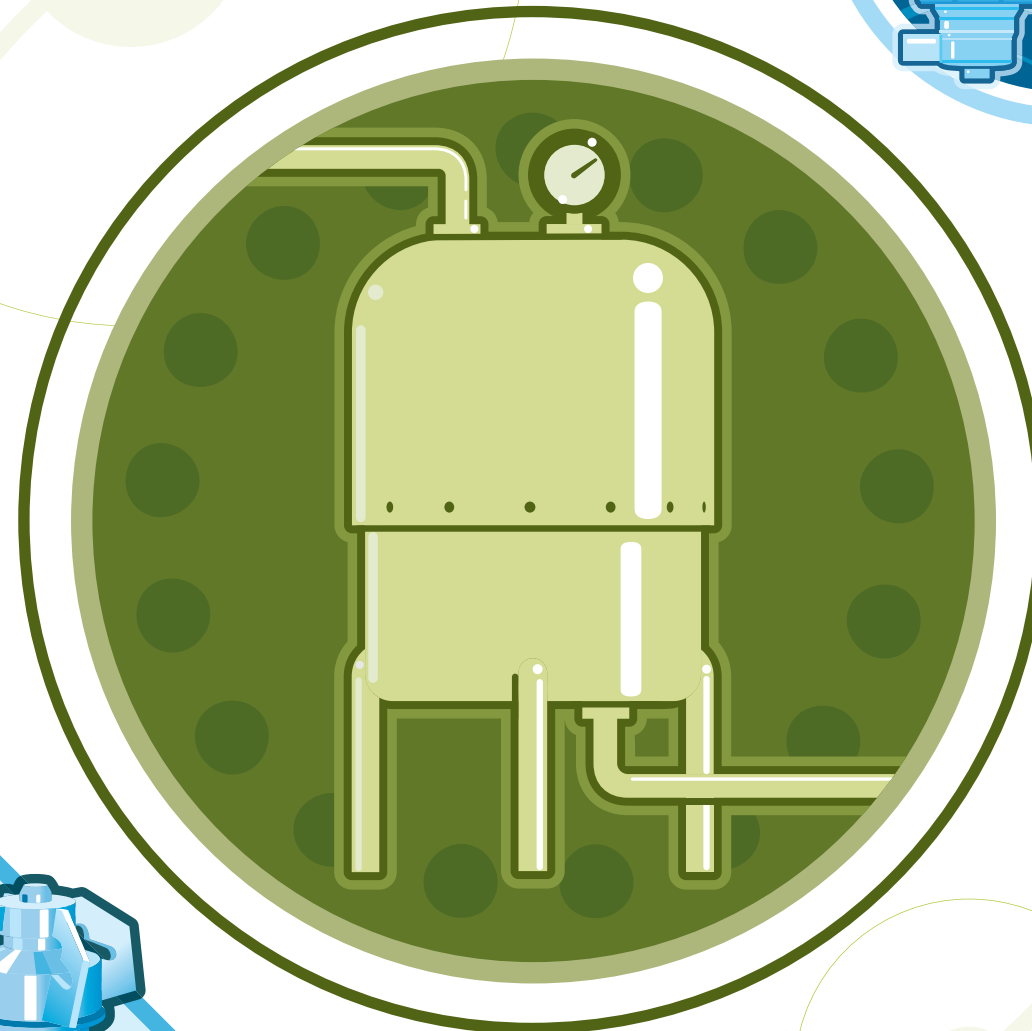


- STERILE SAMPLING**
 The NovaSeptum® Sterile Sampling System helps eliminate the time and expense associated with cleaning and sterilizing traditional sampling devices.
 - The closed design eliminates risk of cross contamination.
 - Connects quickly and easily to your tanks and process piping
 - Ideally suited for general fluid and cell culture sampling
 - Easy to install, validate and handle throughout the sampling process.
 - With more than 150 different holder designs available, the NovaSeptum system can be configured to meet your tank or piping specifications.

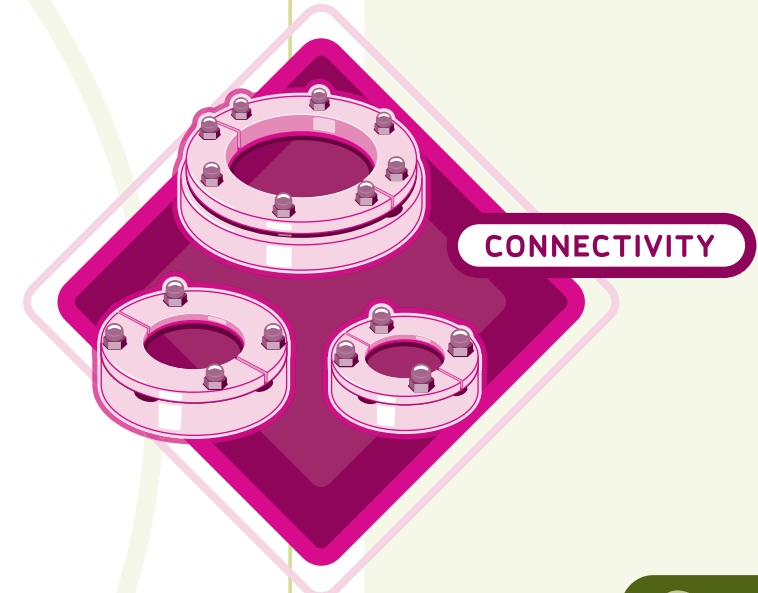


- HOUSINGS AND INTEGRITY TESTING**
 The broadest range of standard & custom housing configurations to meet your customers flow rate and process requirements.
 - **Validation Support:** All housings include the necessary documentation required by customers including information on welding, material certificates, drawings and user manuals.
 - **Choose the right housing:** Millipore can help size the proper housing required for your tank or system.
 - **Integrity Testing:** The Integritest®4 integrity test instrument provides simple, reliable assurance of filter integrity and is fully networkable.

- MIXING**
 Reduce mixing development time and scale up your mixing processes faster with a full range of NovAseptic® mixer types and sizes.
 - Select the proper mixer to get the most out of your process.
 - Broad range of mixing capacities
 - Assistance selecting the right mixer for your customer's specific application requirements ensures optimum mixing performance.
 - Millipore offers pre-validation services, as well as installation and welding expertise and training.



- VALVES**
 Millipore offers a range of valves that uniquely meet the needs of your unit operation.
 - **Proven performance:** Valves with solid PTFE diaphragms are proven to provide an extremely long life and are completely bio-inert to your process fluids.
 - Configured to meet your most demanding applications
 - Comprehensive validation support package provides full traceability of materials.



- CONNECTIVITY**
 NovAseptic connectors provide an ideal connection for a NovaSeptum holder with a TC flange.
 - Flush mounted sanitary connectors eliminate dead legs and hold-up volume to improve cleanability, making validation easier.
 - Proven, innovative design of the NovAseptic connector offers customers lower hold up volume, reducing product loss.
 - Aseptic design reduces the risk of cross contamination.
 - The ergonomic design makes it easy to clean-in-place (CIP) for increased productivity.



- SERVICES**
 Millipore provides a full range of services to help you develop your process and ensure that it runs efficiently and consistently.
 - Application support
 - Training
 - **Installation and Commissioning Services:** Millipore offers IQ/OQ of the Integritest4 integrity tester, as well as scheduled maintenance (service contract). A two-day training session is also available to help end users understand how to read and troubleshoot the Integritest4 instrument, as well as understand what variables at the customer site can attribute to different test results.