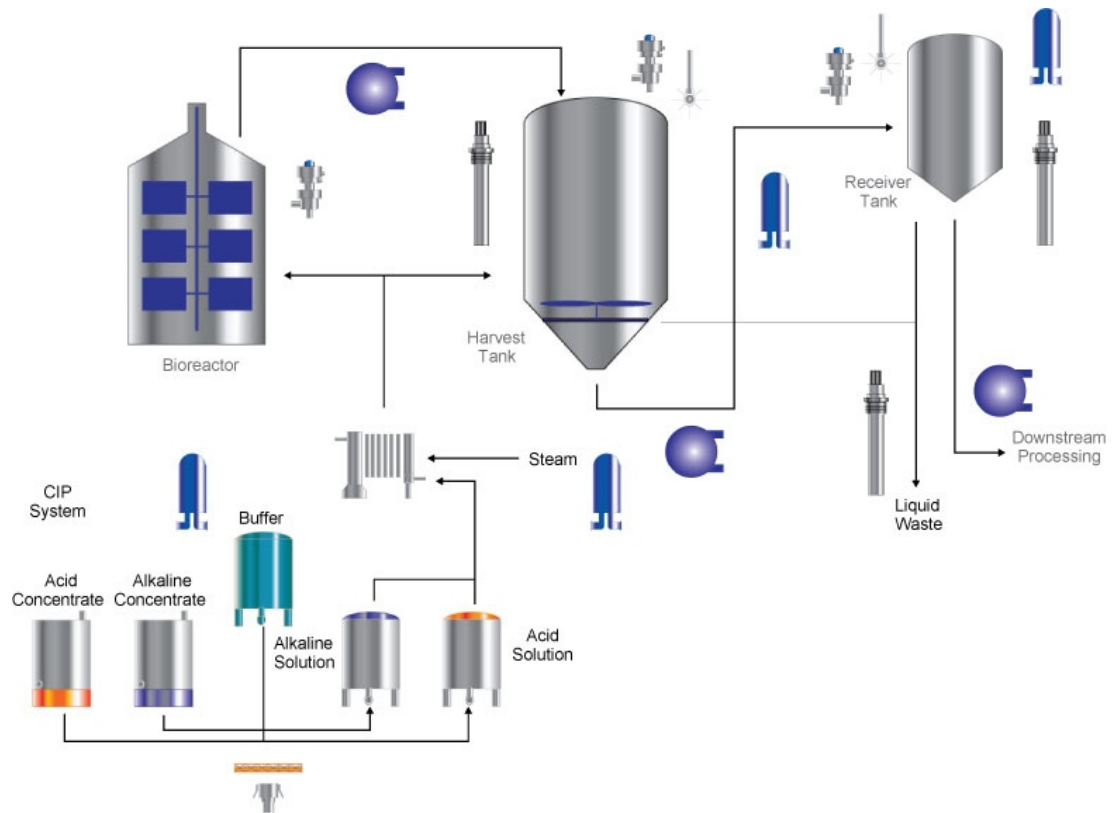


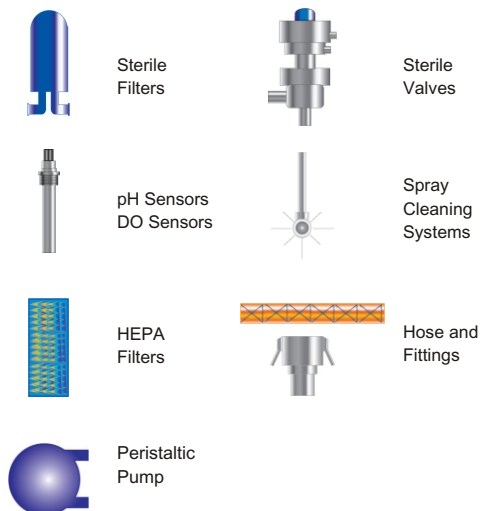
CLASSIC

FILTER & EQUIPMENT LTD

PRODUCT HARVEST



PRODUCT KEY



APPLICATION

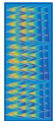
The raw product from the Bioreactor is transferred to the Harvest Tank. In this area the raw product is staged and then filtered prior to moving to the packaging area.



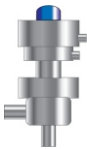
Filters are used in the Harvesting phase to purify liquids and gases. You will Find them in Tank Ventilation, Product Transfer and CIP systems. Classic Filter and Equipment can provide all of your filtration needs.



Sensors are used in Harvesting Phase to measure the quality of the finished product. Conductivity and pH Sensors are used in CIP to maintain the proper ranges for the CIP liquids.



HEPA filters are used in labs, fill suites, and manufacturing areas to remove airborne contaminants. Classic Filter and Equipment offers Flanders Corporation HEPA style filters for all of these applications.



Tuchenhausen Vesta Sterile Valves are used throughout the Harvesting Phase to regulate the movement of fluids through the process piping and tanks. Vesta valves offer many advantages compared to diaphragm style valves including longer on-stream life and ease-of-maintenance.



Spray cleaning systems are used in process tanks for CIP. Tuchenhausen offers a wide range of spray devices to fit most tank cleaning applications. Let Classic Filter and Equipment review your application to recommend the best spray cleaning solution for your process.



Hose and tubing are used throughout the manufacturing process. Common uses are for CIP and product transfer. Classic Filter and Equipment offers the highest quality hose and tubing products for these applications. We, also, offer many great hose identification and tracking solutions to help in the audit process.



Peristaltic pumps are used to intermediate and finished product from one stage to the next in the Harvesting process. Peristaltic pumps are ideal for this application because they are gentle on the product, do not contact the product, and exhibit versatility in pumping speeds. Classic Filter and Equipment offers Watson-Marlow Peristaltic pumps.

CLASSIC FILTER AND EQUIPMENT, LTD.

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