

05

INDUSTRY EXPERTISE

EXPERIENCIA EN LA INDUSTRIA

Global provider of fluid handling solutions

Proveedor global de soluciones en control de fluidos

We provide specific **solutions in fluid control** for any process industry and turnkey projects based in **best-in-class-products**: Petrochemical & Refining, Oil & Gas, Chem & Pharma, Power / Solar Thermal Power, Water & Desalination, Pulp & Paper, Mining & Cement, Metals, Marine, Biofuels / Biomass, Food & Beverage, O.E.M....

Suministramos soluciones específicas en control de fluidos para cualquier industria y proyectos llave en mano basados en los mejores productos en su clase: Petroquímica y Refino, Oil & Gas, Química y Farmacia, Energía / Energía Termosolar, Agua y Desalación, Pasta y Papel, Minería y Cemento, Metales, Naval, Biocombustibles / Biomasa, Alimentación y Bebidas, O.E.M....

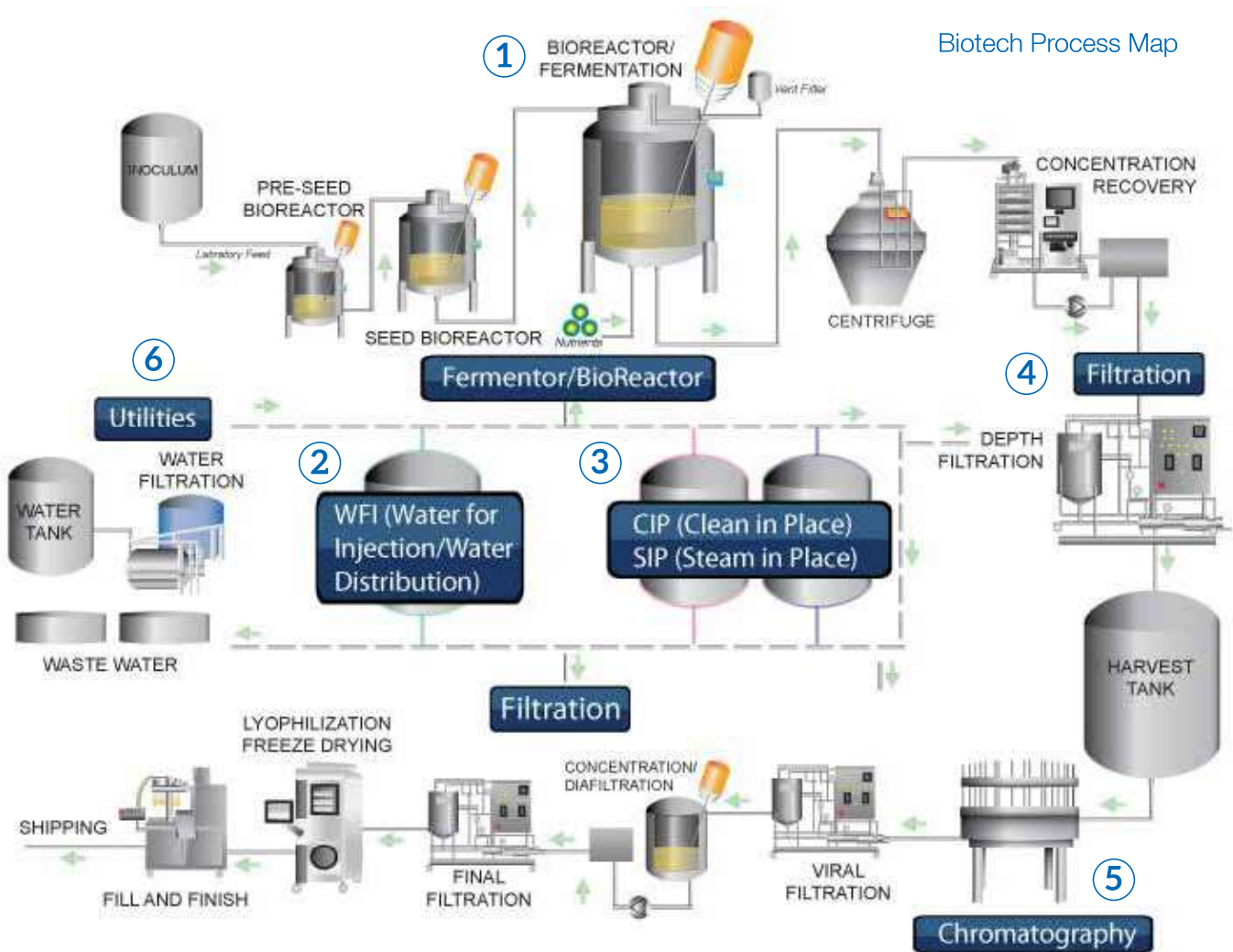


PHARMA / FOOD & BEVERAGE

Solutions for the Process Industry

Clean room environment is vital and imperative.

Biotech Process Map

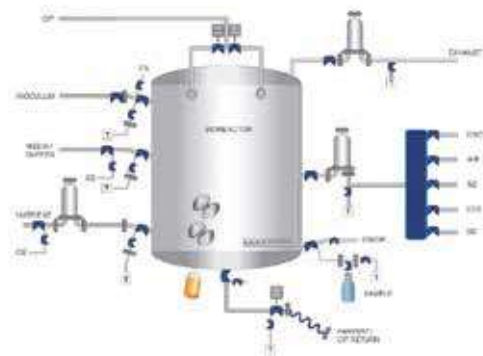


Most representative products for **Pharma & Food and Beverage**



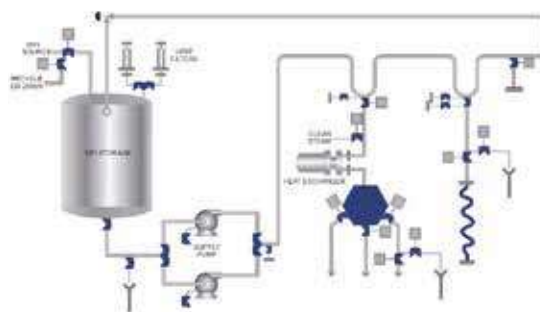
1 BIOREACTOR / FERMENTATION

- » 2 Way Diverter valves
- » Welded Tandem valves and Manifolds
- » Multiple Weir valves
- » Machined Tandem valves
- » Zero Deadleg Weir and "T" valves
- » 5 Way Diverter Vertical valves
- » Tank Bottom valve with integral sample valve
- » Silicone and PTFE Pharma Hoses



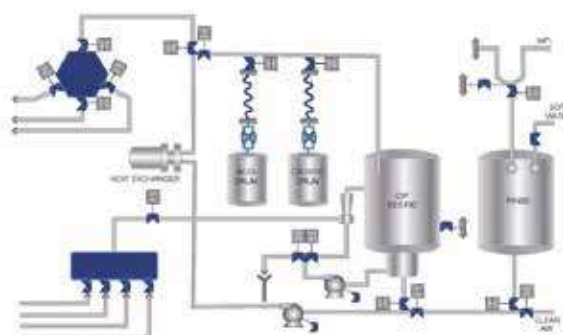
2 WFI (WATER FOR INJECTION & WATER DISTRIBUTION)

- » Serial Weir Machine Tandem valves
- » 2 Way Diverter valves
- » Tank Bottom valves
- » Zero Deadleg Weir and "T" valves
- » T Valve with Integral Back Sample valves
- » Multiple Weir Horizontal 3 Way Diverter valves
- » Multiple Weir Horizontal 3 Way Diverter valves. All horizontal or vertical porting
- » Standard Machined Block and Zero Dead Leg valves
- » Welded Tandem valves and Manifolds
- » Silicone and PTFE Pharma Hoses



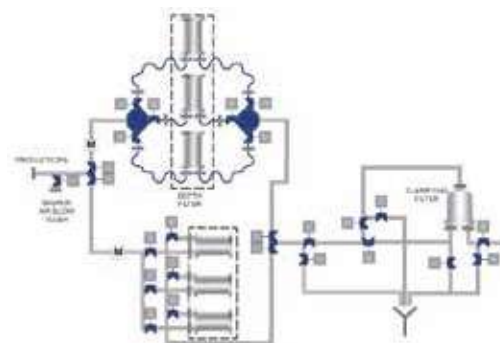
3 CIP (CLEAN IN PLACE)

- » Multiple Weir with all horizontal porting
- » Multiple Weir with controlled inlet
- » Welded Tandems and Manifolds
- » Zero Deadleg Weir "T" valves
- » Standard Machined Block and Zero Dead Leg
- » Silicone and PTFE Pharma Hoses
- » Air Operated Diaphragm Pumps, Stainless Steel Pumps, Aseptic Line
- » 2 Way Diverter valves
- » Serial Weir Machine Tandem valves
- » T Valve with Integral Back Sample
- » 4 Way Diverter Vertical. All Vertical porting
- » 4 Way Diverter Vertical. Vertical and horizontal porting



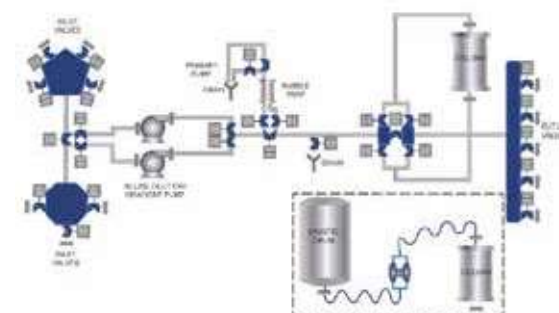
4 DEPTH FILTRATION

- » Zero Deadleg Weir "T" valves
- » 2 Way Diverter valves
- » 3 Way Horizontal Diverter valves
- » 3 Way Horizontal Diverter valves. All vertical porting
- » 3 Way Horizontal Diverter valves. All horizontal porting
- » Silicone and PTFE Pharma Hoses
- » Zero Deadleg "L" Pattern vertical valves
- » Zero Deadleg Use Point 90 Degree
- » Machined Double Tandem valves
- » Multiple Weir valves
- » Welded Tandems and Manifolds



5 CHROMATOGRAPHY

- » 4 Way Diverter Vertical. All Vertical porting
- » 4 Way Diverter Vertical. Vertical and horizontal porting
- » Welded Tandems and Manifolds
- » 3 Way Horizontal Diverter
- » 3 Way Horizontal Diverter. All Vertical porting
- » Multiple Weir. All horizontal porting
- » Machined Tandem valves
- » Double Tandem valves
- » 5 Way Diverter Vertical. Vertical porting
- » 5 Way Diverter with Vertical porting
- » Silicone and PTFE Pharma Hoses
- » Air Operated Diaphragm Pumps, Stainless Steel Pumps & Aseptic Line



6 UTILITIES

- » Air operated Diaphragm pumps
- » Industrial Diaphragm valves
- » High Performance Resilient seated Butterfly valves
- » Triple Offset Butterfly valves
- » Process Ball valves