

- 1 Pharma Pumps
- 2 Diaphragm Pumps
- 2 Unloading Systems
- 3 Pharma Valves
- 4 Steriflow
- 5 Steriflow
- 6 Pharma & High Purity Hoses
- 7 Mixers & Agitators
- 8 Tubes & Fittings
- 8 Clamps & Gaskets
- 9 Custom Fabrication
- 10 Tank, Tote & Pipe Cleaning
- 11 Filters & Strainers
- 12 Heat Exchangers
- 13 Instruments

# Pharma Pumps



#### **UltraPure**

Alfa Laval Q-doc documentation package for Alfa Laval UltraPure equipment ensures full traceability of all product contact parts.





**LKH Self-Priming**Pump



**SX Lobe**Pump



**LKH Centrifugal**Pump

















**Labtop Lobe & Peristaltic** Pumps



**Gear** Pumps

# Diaphragm Pumps









Full Hygienic Pumps (Polished Internals)



PTFE/HDPE **High Purity** Pumps



**CIP & Chemicals** Pumps

### **Unloading Systems**







Unloading Pumps

Tote



### Pharma Valves















**Q-docs** available

Steam Traps & Regulating Valves Available. See our Steriflow Page.



**High Purity** Ball Valves



Ultrapure® Butterfly Valves



Sampling Valves



Diaphragm Valves



**Powder Application** Valves

### **Steriflow**



**Solutions** that are designed to **improve processes**, production rates, and ultimately, the profitability of healthcare customers. A **complete product range, trusted** by multinational pharmaceutical companies.



**Control** Valves



Pressure Regulating Valves



Safety Relief Valves



Low Pressure **Blanketing Regulators** 



**Check** Valves



Sample Valves

### **Steriflow**



### **Built for you**

Steriflow will custom design valves specifically for your process requirements. Unicert documentation included.





**Tank Bottom**Diaphragm Valves



**Custom Block Body** Diaphragm Valves



**Multi-Path Diversion**Diaphragm Valves



Clean Steam Traps & SIP accessories



Clean Gas **Distribution Manifolds** 

# Pharma & High Purity Hoses

















Pharma USP Class VI Hoses



**Biotech Tubing &** Peristaltic Pump **Tubing** 



Teflon® Lined Hoses





**Electrical & Liquid Jacketed** Hoses



**Anti-Static / Grounded** Hoses



High Quality Washdown Hoses with Microban®



Single Use **Products** 

# Mixers & Agitators







**Clamp-on** Agitators



Vertical Shear Mixers



Side, Top & Bottom Entry Mixers



**In-line Shear** Mixers



**Static** Mixers



**Powder**Mixing **Systems** 



**Tote** Mixers



**Drum** Mixers

# Tubes & Fittings























316L & Electropolished **BPE Tubes** in Stock

316L & Electropolished **BPE Fittings** in Stock

Behringer® Clamps & Hangers

**Jacketed Tubes** & **Fittings** 

### Clamps & Gaskets

Rubber Fab



Large Selection of Gaskets USP Class VI, X-Ray Metal Detectable, Tuf-Steel, Bio-Pro...



Sampling Gaskets & Accessories



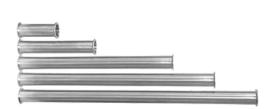
**Nylon Clamps** & Smart Clamps

### **Custom Fabrication**



**Components** in stock | **Rapid** delivery **Passivation** service available





Custom **Spool Pieces** 



Custom **Manifolds** 



**European Connections** in Stock



Custom **Tanks** 



Custom Mixing Bowls & Carts

# Tank, Tote & Pipe Cleaning











**3A Certification** available | **Q-docs** available **Large Selection** & **Expertise** in pharmaceutical applications



Alfa Laval / Gamajet **Jet Machines** 



Rotating Spray Balls



**Product Recovery Pigging Systems** 



**Multi Vessel** CIP Systems



Mobile **CIP Systems** 

### Filters & Strainers









**Q-docs** available **Passivation** Available







Wedge Wire & Perforated Plate Filters







**Jacketed** Filters



Basket & Membrane Type Filters

### Heat Exchangers









#### Alfa Laval Baseline® Alfa Laval Frontline®

#### **Several Options**

- 3A Finish
- PTFE, Nitrile, EPDM Gaskets
- Plates 316L, Titanium, Hastelloy
- Wide Gap
- Double Wall
- Evaporator/Condenser
- Semi Welded
- Welded





Alfa Laval Shell & Tube Pharmaline



Steriflow Sample Cooler



Alfa Laval Pharma X®



Alfa Laval Contherm® Viscous Fluids



**AIC JAD®** Excellent for Steam, Oil, Hot Water, Thermal Fluid

### Instruments











#### **Q-docs** available



**Sight Glasses** 



**Thermometers** 



Flow Meters



Manways



**Pressure Gauges** 



**Temperature / Pressure Transmitters** 

Montreal (QC): 450-686-6663 Vancouver (BC): 604-317-1447

m halesoninc.com

info@halesoninc.com

2531, Chomedey Blvd, H7T 2R2, Laval, QC