



**AR**  
INOX

Sanitary  
flow  
equipment

# Product Line Aseptic Processing





### WOD - VAW - RSH - SLCD WASHING DEVICES

Each device is made of stainless steel AISI 316L, with variable diameter, connections and flow rate. Designed to guarantee quality, quick and economical washing, they are the ideal system for cleaning and sanitizing tanks, preparation reactors and autoclaves.



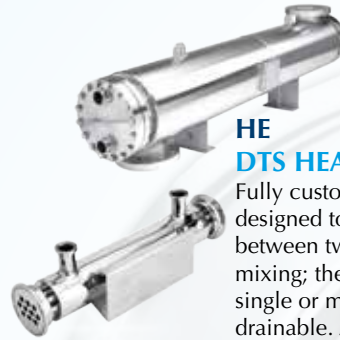
### FIKE HYGIENIC RUPTURE DISC

High quality hygienic rupture disc, developed for the unique challenges of the Biotech, Pharmaceutical and Food & Beverage industries. A wide range of models, calibrated on the customer's project requirements and certified to achieve the plant validation.



### TKC - TKL TANK AND IN-LINE CONNECTIONS

Extremely versatile solution, having a compact design and allowing the installation of accessories and/or clamp valves on the top, bottom or side part of a tank. Once installed, the device on the TKC is flush with the tank internal wall. To have the same result also on the process lines, the TK IN-LINE is the ideal solution.



### HE DTS HEAT EXCHANGERS

Fully customized sanitary heat exchangers, designed to allow the thermal exchange between two process fluids avoiding their mixing; these devices are available with single or multiple passage and are completely drainable. All heat exchangers, used for heating, cooling or both, are made with high quality standards in full compliance with FDA, cGMP and customer project requirements. The welding option, for sealing the tubes to the tube sheets, allows to fully comply with the ASME BPE regulations, already contemplated as the manufacturing standard for these devices. Try also our pure steam sample condenser line.



### TC CLAMP FITTINGS & RUBBER FAB GASKETS

Versatile, fast and extremely secure union system for the realization of distribution lines on production processes. Manufactured in compliance with BS 4825 or ASME BPE standards, available in different sizes ranging from 1/2" to 12" in AISI 316L, with gaskets in PTFE, SILICONE, EPDM, FKM, certified in compliance with FDA and USP Class VI regulations.



### AMT-MAGNETIC MIXER AMO-MAGNETIC HOMOGENIZER

High performance magnetically driven mixing system for applications in pharmaceutical, biotechnological, chemical, cosmetics. The magnetic mixer and the magnetic homogenizer are the best solution to meet the increasing mixing requirements, the transmission with magnetic torque avoids the occurrence of cross contamination between product and external environment.



### SLL - SLO - SP SIGHT GLASS-FLOW INDICATOR

Compact and hygienic design for installation on tanks or preparation reactors, or directly on piping line. The models are available in a size range from 1/2" to 4" in AISI 316L, with tubes or discs in borosilicate glass and with Clamp, DIN, butt weld or flanged connections.



### RC - RRI FLEXIBLE HOSES & FITTINGS

Flexible platinum cured Silicone hoses and PTFE hoses in compliance with FDA and USP Class VI. The tube can be equipped with an internal stainless steel wire helix for pressure or vacuum applications and can be sterilized with steam, suitable to be fitted with AISI 316L Re-Usable or Crimped Clamp fittings in various sizes.





### **ITT HIGH PURITY DIAPHRAGM VALVES**

ITT Pure-Flo® diaphragm valves for hygienic processing industries such as biopharm industry, cosmetics or any high purity or aseptic process. These valves provide the best quality and value engineered solutions for your unique flow-control. Providing products from standard forged valves to the most innovative block technology, each and every Pure-Flo® valve is engineered to the highest standards.



### **SBA ASEPTIC SAMPLING BOTTLE**

Allow capturing and handling of liquid products sterile samples. Our sampling bottles are equipped with a diaphragm multi-valve sterilizable with pure steam, sterile filter, bottles of borosilicate glass and adjustable bottle holder with removable handle, full material traceability, customizable for every need.



### **VPK - VPA ASEPTIC SAMPLING VALVES**

Designed to take samples aseptically, thanks to their particular configuration they can be sterilized with pure steam by SIP process or washed by CIP process. Completely autoclavable, in manual or pneumatic execution, perfectly interchangeable with each other.



### **RPS - RPQ SANITARY SAMPLING VALVES**

Completely autoclavable, they allow for sampling at the center of the line, obtaining the desired representative sample. Extremely economical and very easy to use, these sampling valves in AISI 316L can be installed on distribution loops or tanks, they are available with CLAMP, butt weld or gas threaded connections.



### **VAA - VAK - VAF - VAR ASEPTIC TANK BOTTOM VALVES**

Designed for direct installation on the bottom of tanks and preparation reactors for product discharge; these valves guarantee the complete draining whilst reducing the "Dead Leg" to a minimum. Available in the versions to be welded directly to tank bottom, for TKC mounting, flanged with removable valve body. Manual or pneumatic, available size from 3/4" to 4" in AISI 316L, with PTFE or Silicone diaphragms FDA compliance.



### **VSS HIGH PURITY BALL VALVES**

Full bore stainless steel high purity ball valves, obtained from AISI 316L round bars, with ball enclosed in two integral TFM™ PTFE sealing seats, suitable for intercepting pure steam and fluids under pressure. The high purity design is completed by the heads assembled by means of hidden screws, the stainless steel handle, and the internal and external surface finishing. Manual or with pneumatic actuator with proximity sensors, available size from 1/2" to 4" with clamp or butt weld connections.



### **VFS BUTTERFLY VALVES**

Designed by Aerre Inox to meet the requirements of sanitary process systems. Thanks to their internal design and the wide passage area, they guarantee a gentle treatment of the product flow, a minimization of turbulence and contamination, and a low pressure drop. Precision machined from AISI 316L forged pieces, manual or with pneumatic actuator with proximity sensors, available size from 3/4" to 10" with clamp, DIN, flanged or butt weld connections with seal gaskets in compliance with FDA normative.



### **VRN - VRH - VRO SPRING CHECK VALVES**

The sanitary spring check valves are ideal for preventing reverse flow and assuring process integrity. Available for either vertical or horizontal installation, specially designed for sanitary and pharmaceutical plants. They can be used with fluids or gas, available in a size range from 1/2" to 6", in AISI 316L with clamp or butt-weld connections.



ASEPTIC SAMPLING VALVES



SANITARY SAMPLING VALVES



ASEPTIC SAMPLING BOTTLE



ASEPTIC TANK BOTTOM VALVES



SPRING CHECK VALVES



HIGH PURITY BALL VALVES



BUTTERFLY VALVES



DTS HEAT EXCHANGERS



SIGHT GLASS-FLOW INDICATOR



CLAMP FITTINGS



TANK AND IN-LINE CONNECTIONS



FLEXIBLE HOSES & FITTINGS



MAGNETIC MIXER



HIGH PURITY DIAPHRAGM VALVES



WASHING DEVICES



HYGIENIC RUPTURE DISC



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