

Staitech have recently been appointed the UK distributor partner for ITT Pure-Flo diaphragm valves. As such, Staitech now hold large stock of manual and actuated valves together with diaphragms in EPDM and TME materials. In addition to standard valves, zero-static, divert, block body and fabricated valve assemblies are all available from ITT, ensuring that with the Pure-Flo range Staitech and ITT can solve any diaphragm valve application quickly with the best engineered solution available. For more information on the range visit the Staitech website at www.staitech.com

Pure-Flo valves

Utilising forged stainless steel bodies in combination with the latest generation diaphragm materials ensures that the Pure-Flo range surpasses all current industry standards for diaphragm valves. Staitech offer Pure-Flo valves fitted with a 970 series stainless steel bonnet and choice of FDA and USP compliant EPDM or PTFE diaphragms. Wetted surfaces are finished to the ASME BPE SF1 classification of 0.5 microns Ra.



- Autoclavable option
- Rising handwheel with position indication
- O-ring splash seal
- Adjustable travel stop over closure protection
- Stainless steel bonnet

EnviZion valve

ITT's breakthrough technology, the Pure-Flo® EnviZion™ valve, sets a new standard for the future of hygienic diaphragm valves. The EnviZion valve is designed specifically to help customers install, operate, and maintain their valves more efficiently. This unique design provides a significant reduction in total cost of ownership while supporting the industries' goals to increase productivity, improve reliability and enhance clean-ability.

- Mount and turn design allows the removal of the bonnet in 3 quick and easy steps
- No tools required for valve installation and diaphragm replacement
- Integrated thermal compensation system eliminates the effects of thermal cycling
- Replacing diaphragms is now up to 90% faster with the EnviZion valve
- Adjustable travel stop for overtightened protection
- Stainless steel bonnet



[Learn more](#)

Actuated valves

In addition to manual valves, the Pure-Flo range is also offered fitted with ITT's Advantage pneumatic actuator. Further options to include solenoids and switch boxes are also available.



- Autoclavable option
- Fail close, fail open and double acting available
- Visual position indication
- Adjustable travel stops available
- Stainless steel bonnet
- Polyarylsulphone actuator body



Zero static "T" valves

Zero Static "T" Point of Use (POU) valves are some of the most critical valves utilised in the Biopharmaceutical industry today. Point of Use valves allow process fluids to be transferred, sampled, drained or diverted with minimal impact on critical systems such as Water for Injection (WFI) and Purified Water (PW).

- Choice of orientations and size combinations available
- Completely drainable design
- Body machined from block
- Standard material options - 316L and WN1.4435 stainless steels
- 3D models and drawings available

Divert valves

Multiport divert valves allow process medium to be diverted or mixed. Divert valves are instrumental in achieving cost effective and efficient piping design, coupled with reduced product "hold up" by minimising dead legs.

- Sizes 1/2" - 6"
- 2 way to 6 way as standard options
- Choice of horizontal or vertical orientations
- Standard material options - 316L and WN1.4435 stainless steels
- 3D models and drawings available



Fabricated assemblies

Custom assemblies can be fabricated to meet customer process requirements using a combination of standard 2-way valves and block valve combinations where necessary. The Sterile Access and GMP valve combination is typically used for sampling, purging, diverting and drain applications.

- Choice of orientations, porting and custom design
- Minimised dead legs due to factory fabrication
- Reduced installation time
- Standard material options - 316L and WN1.4435 stainless steels
- 3D models and drawings provided for approval process



Block body valves

The Integrated block body program was developed to meet the ever increasing requirement of compact valve designs to meet customer space and envelop constraints. The weir type diaphragm design enabled design engineers to start machining multiple valve weirs into a single block of stainless steel. The advantages are numerous.

- Improved drainability
- Compact and custom design
- Increased product purity and yield
- Standard material options - 316L and WN1.4435 stainless steels
- 3D modelling and drawings provided for approval process

