Reduce risk with **fluid path solutions** from Watson-Marlow Fluid Technology Group
Watson-Marlow peristaltic pumps and OEM solutions provide total process confidence and security, and scale from the benchtop to full production. Watson-Marlow's extensive product portfolio offers superior flow stability and metering accuracy ensuring process stability, GMP compliance and the highest final product quality.

Watson-Marlow Fluid Technology Group delivers total connectivity along your fluid path. Whether in single-use or stainless process, our range of Watson-Marlow peristaltic pumps, ASEPCO valves, FlowSmart gaskets, BioPure single-use fluid path components, Aflex PTFE hoses, and Flexicon aseptic fill/finish systems all work together to reduce risk while optimising the repeatability of your process. All products offer traceability through LOT numbers or serial numbers.

100 series
Flow rates up to 190 ml/min. Single, twin or three channels of flow. Manual, remote or auto control.

200 series
Flow rates from 6 µl/min to 22 ml/min. Cassettes accept standard manifold tubing. Up to 32 channels of flow.

300 series
Flow rates from 2 µl/min to 2000 ml/min. Flip-top pumphead for easy tube loading. Single or multi-channel pumpheads.

500 series
Flow rates from 0.4 µl/min to 3.5 L/min. Four drive and five pumphead options. Up to 7 bar pressure.

600 series
Flow rates from 0.001 ml/min to 18 L/min. 2650:1 control ratio. Flow rates up to 340 ml/min. 5 bar pressure. Available with a number of drive options or as pumphead only.

700 series
Flow rates from 0.12 L/min to 55 L/min. Up to 2 bar pressure. Single or twin channels of flow.

800 series
Flow rates to 8000 litre/hr. 3.5 bar pressure. Clean-in-place (CIP) and steam-in-place (SIP).

114DV panel mount pump
Flow rates up to 340 ml/min. 5 bar pressure. Available with a number of drive options or as pumphead only.

313D panel mount pump
Flow rates up to 2000 ml/min. 2 bar pressure. Available with a number of drive options or as pumphead only.

Quantum
A step change in single-use bioprocessing capabilities, providing flow linearity to 20 L/min at 3 bar, with 0.12 bar pulsation and low shear.

Quantum is the first pump to provide integrated 4000:1 control ratio and validation in-line with BPOG/BPSA/USP/ISO guidelines.

www.wmftg.com/watson-marlow
Flexicon is established as the preferred choice for aseptic liquid filling for GMP regulated industries including biotechnology and diagnostics. Our range of aseptic liquid filling equipment scales with your business, from stand-alone units for hand filling, through semi-automatic, to fully automatic filling, stoppering and capping machines.

ASEPCO Weirless Radial diaphragm™ valves deliver consistency in biotechnology and pharmaceutical processes while reducing maintenance time by up to 80%. Their unique construction and radial diaphragm design makes them completely drainable and virtually eliminates the risk of contamination.
BioPure produces a range of innovative bioprocessing fluid path components that simplify production operations, lower cGMP manufacturing costs and reduce process validation. All BioPure products are supported by class-leading validation guides detailing test protocols including ISO, USP and extractables, enabling customers to quickly assess suitability for their manufacturing process.

Q-Clamp™ sanitary Tri-Clamp™
Single-handed tool free operation. Unique tamper evident identification technology. Pressure rated up to 7 bar.

Platinum-cured silicone gaskets
Precision engineered to achieve a smooth bore, contamination free fluid path. Cleanroom manufactured and packed. Flanged and unflanged options.

Platinum-cured silicone braided hose
High pressure flexible hose, single and double braided options. Cleanroom manufactured and packed.

Single-use fluid path components
Tri-Clamps, flow control valves, end caps and connectors. Cleanroom manufactured and packed.

puresu® single-use fluid paths
Single-use fluid path assemblies that are cleanroom manufactured and packed. Offering a broad range of validated components and configurations, with no minimum order quantity and simple, repeatable ordering to support a continuous supply chain.

Work with us to design you a perfect customised fluid path solution for your application.

puresu® single-use fluid path assemblies with PureWeld XL tubing, BioBarbs and Bio Y

FlowSmart design and manufacture fluid path components which guarantee product consistency and process security. FlowSmart gasket technology improves sterility within production processes, reducing validation risks for contamination-free applications.

PolyClamp EPDM sanitary gaskets
SIP compatible with geometric stability after repeat cycles. USP Class VI validated. Flanged and unflanged options.

PolyClamp EPDM gaskets are the perfect solution for connecting ASEPCO Weirless Radial diaphragm valves in your process.
Watson-Marlow’s range of high purity platinum-cured silicone, weldable and long life thermoplastic elastomer tubing is designed specifically for applications throughout biotechnology and pharmaceutical processes. Matching Watson-Marlow tubing with our peristaltic pumps enables customers to build easy-to-validate, end-to-end fluid path solutions from a single, reliable source.

www.wmftg.com/tubing

Aflex hose manufacture the widest, most technically advanced range of PTFE lined flexible hose products. Performance features include excellent chemical resistance, a smooth bore that ensures a clean fast fluid flow, resistance to high pressures and vacuum resistant and unmatched flexibility and kink resistance.

www.wmftg.com/aflex
Watson-Marlow Fluid Technology Group supports its customers locally through an extensive global network of direct sales operations and distributors.

wmftg.com/global