



**Watson–Marlow  
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# Watson–Marlow Pumps Group



## Corporate Description

Leading the world in peristaltic pump, filler and tubing technology, Watson-Marlow Pumps Group is the manufacturer of first choice in the biopharmaceutical industry. With expertise in single-use fluid path applications, Watson-Marlow helps customers simplify validation and improve the integrity of their processes—enabling sensitive and costly fluids to be handled accurately, safely and without contamination.

## Markets Served

Watson-Marlow's peristaltic pumping solutions offer the reliability, simplicity and versatility needed for metering, transferring and filling liquids in high purity processes. This is why pharmaceutical and biopharmaceutical engineers count on Watson-Marlow throughout a wide



range of research, process development, clinical scale and full scale production applications.

## Major Products

**Aseptic filling and capping:** Our Flexicon range of high precision fillers and cappers offer FDA and cGMP-compliant solutions at all scales of production. From stand-alone tabletop fillers and cappers to customized fully automated systems, Flexicon peristaltic filling systems provide a completely disposable fluid path—delivering greater flexibility, sterility and efficiency as compared to piston fillers.

**Peristaltic process pumps:** Watson-Marlow pumps offer the critical features needed for today's highly tuned processes. Backed by a 5 year warranty, our pumps offer the latest in pumping technology: Brushless DC maintenance free drives, analog, digital or PROFIBUS controllability, a one-million to one flow range, intuitive operator interface and PIN secured process protection.

Using a single-use fluid path, Watson-Marlow peristaltic pumps are the primary choice to precisely meter acids, alkalis, antifoaming agents, glucose and media to fermentors and mammalian cell bioreactors. With a capability from microliters to 133 liters per minute and pressure range to 100 psi, our gentle, low shear peristaltic pumps are also ideally suited for improving yields in dead-end and tangential flow filtration.

**High Purity Tubing:** Watson-Marlow manufactures Pumpsil, Bioprene and PureWeld tubing designed specifically to meet the strict quality, reliability and flexibility standards of the biopharmaceutical sector. Committed to these needs, Watson-Marlow recently completed a \$12 million expansion of our state-of-the-art cleanroom and tubing extrusion plant. Our Pumpsil platinum cured silicone tubing is 100% postcured to dramatically lower harmful extractable cytotoxic cyclic siloxanes found in non-postcured silicones, and now our new PureWeld provides customers with a weldable ADCF tubing that achieves longer life and lower spallation than other TPE tubes. Using Laser-Traceability, all tubing is indelibly lot traceable to simplify validation.