

High Precision Metering Pump from Fuji

Unmatched Precision in Fluid Transfer
Technology



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Manetco
Materials and new technologies

Innovative design

The pump is composed of an unique triple-plunger system with specialized cam design with a synchronized 120° phase operation. This insure a smooth and continuous flow operation.

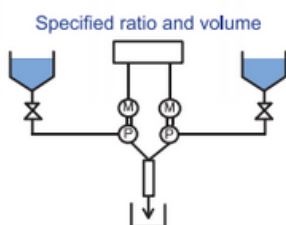
The operating pressure range from 98 up to 2000 bar and it can handle very high and low viscosity fluids with ease. Flow rate range starts below 1 ml/min up and goes over 100 L/min.

Performance

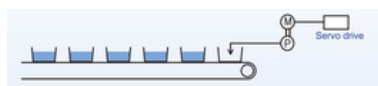
- **Industry-leading flow reproducibility of $\pm 0.1\%$**
- **Pulse-free operation**
- **Constant flow rate regardless of pressure changes.**
- **Perfect flow proportionality to pump speed**
- **Cavitation-free operation**

Applications

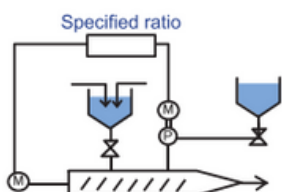
Continuous mixing and emulsifications



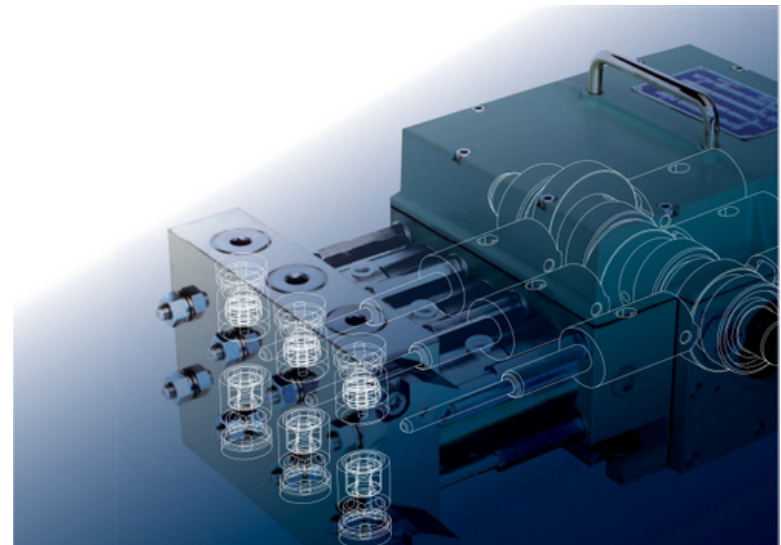
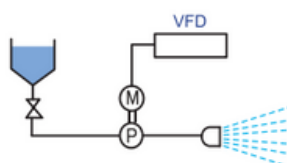
Dosing line



Precise additive feeding for extruders



High-accuracy coating processes



Key Advantages

- **Exceptional accuracy in fluid delivery**
- **No pulsation in flow**
- **Handles viscous and corrosive substances**
- **Stable performance under varying conditions**
- **Long service life**
- **Low maintenance requirements**

About us

- Manetco excels in the **design** and **manufacturing** of complex parts and component assemblies for **microfluidic** and **flow chemistry** applications, such as **static mixers, flow distributors, and heat exchangers**. We also perform validation studies of micro-mixers and other components on our dedicated test bench.
- Manetco is composed of a **team of experts**, including PhDs and engineers specialized in materials science, simulation, and chemistry. **Together, we provide** cutting-edge expertise in research and development on both a European and international scale.