

Micro Pump

The Micro pump is designed for applications requiring accurate pulseless flow and pressure control of both inorganic (brine, solvent...) and organic fluids (hydrocarbons, microbial solutions...). This pump delivers specified pressure, flow rate and volume at both ambient and reservoir conditions, and can operate at either constant pressure or constant flow rate. In the former mode, a pre-defined specific volume can accurately be transferred. Pressurization is obtained via a motor-driven piston. The pump is equipped with an accurate pressure sensor, two hand-operated valves for tank feeding and outlet delivery, a control panel and a storage tank. A temperature sensor can also be integrated upon request. Optionally, a computer data acquisition and supervision system can be provided. The standard material for wetted parts is a high grade stainless steel, hastelloy can be requested for corrosive fluid applications.

Features:

Max. Pressure	3,000 psi
Injection range	0.0001 – 10 cc/min
Injection rate Accuracy	0.0001 cc/min
Pressure transducer accuracy	0.2 % Full Scale
Cylinder Volume	7 cc
Injection Capability in Constant Rate	
Injection Capability in Constant Pressure	
Power Supply: 50 Hz, 220 V	



