



Medical and Biotech
Developments, Inc.



Lo Flow Pump System

- Bi-directional, smooth flow
- Flow range from 6 nL/min – 10 mL/min
- Meter precise volumes from nL – mL
- No pulse-dampers or check valves
- No syringes to refill or exchange
- Chemically inert
- Self-priming
- Includes stepper motor, controller, and 24VDC power supply

The pump system is suitable for many different fields of application, including microfluidics, HTS, dispensing, titrating, FIA, SIA, Zone Fluidics, diluting, and many others. It maintains high precision across the range of flow rates and metered volumes. The user can sequence between nanoliters and milliliters with ease.

The milliGAT is stepper motor driven and fully computer controllable. A micro-processor driven controller allows control of flow rate, flow direction, metered volumes, ramp rates, automatic backlash correction, and other control parameters using serial commands via RS-232 or RS-485 communication protocols.