



FLUID METERING, INC.
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ISO 9001

Feature	Benefit	What It Means
No Valves	No valves to clog, leak, hang up or service.	Service, maintenance and down time are considerably reduced. Fluid connections and leak possibilities considerably reduced.
Ceramic Internals	Wear and abrasion resistant. Corrosion resistant fluid path	Superior material stability will provide millions of service free cycles.
One Moving Part	The piston is the only moving part in the pump.	Unique design enhances reliability and simplifies trouble shooting, service and down time. No tubes to change.
Accuracy - better than $\pm 1\%$	Consistent precise output with all FMI pumps. Accuracy is held from micro liters to the full flow range.	Output does not change more than $\pm 1\%$ of set value. An important cost saving factor considering the waste generated by inaccurate pumps. see our Pay back Calculator
Drift Free Operation	Set values do not drift or change with time.	Long term, consistent, drift free, accurate pumping.
Precision Dispensing	Repetitive dispensing with better than $\pm 1\%$ accuracy, % CV less than or equal to 0.5 %.	Single shot or repetitive dispensing of very low volumes, micro liters.
Flows from 0 to 4600 ml per minute	Wide range of flows. From micro liters to 70 gal/hr.	Accuracy of $\pm 1\%$ is maintained from one drop dispensing to 4600 ml/ min. pumping.
Positive Displacement	Unaffected by back pressure of up to 100 PSI.	Will maintain output flow against discharge pressures of up to 100 PSI.
Viscosity Independent	Unaffected by viscous fluids.	As long as the material flows or is pressure fed into the pump, we will pump it out.
Self Priming	Pumps will self prime to 15 feet.	The pumps suction stroke will pull a vacuum of 15" Hg dry, 26" Hg wet.
Variability	Fine flow adjustment capabilities	Easy adjustment of flow with high degree of accuracy. Flow can be adjusted while the pump is working.
Dimensionally Stable Materials	Materials used will not change or be affected by pressure and most fluids.	Ceramics, carbon and stainless steel, provide broad fluid compatibility for dependable long life operation.
Chemical & Corrosion Resistant	Inert and corrosion resistant fluid path.	Pump construction materials are versatile and are unaffected by most chemicals. Chemical compatibility must be verified.
Repeatability	Change settings with precision accuracy.	Flow setting can be changed and then reproduced within 0.1% of original setting.
Instant Reversibility	Will pump in either direction.	Reverse pumping direction while the pump is working, without disassembly
Modular Design	Interchangeable pump head modules and pump drive modules provide numerous flows and material combinations.	Pump drives will accept different size pump heads. Quick modular online change reduces down time to minutes.
Delivery from Stock	No waiting time.	We will ship the same day if order is placed before 2 PM.
Large Selection of Pump Drives	AC, DC, air, explosion proof, fixed, stepper or variable drives.	We have many standard drives to suit all applications including pedestal models to be used with customers own motor.
Reliability, Innovation, State of the Art Design	Valve less metering pump experts since 1959. FMI pumps are used in the most advanced hi-tech applications and designs.	Our pumps are covered by 7 US patents and many foreign patents. They are mentioned and used as part of 78 different patents.

FLUID CONTROL PIONEERS SINCE 1959