



Controllers



Excellence through Versatility



Located in Acton, Massachusetts, Liquid Metronics has been providing quality products and service to the water treatment industry worldwide for over 20 years.

Leading the way in the metering pump industry, LMI introduced the first full line of electronic metering pumps and accessories. The breadth of LMI's product line extends from low-cost metering pumps for domestic potable water treatment to highly-sophisticated custom designs for specific customer applications.

Today, LMI continues to shape the future of the industry by offering a complete line of metering pump controllers and accessories for a wide variety of chemical-feed applications.

Utilizing superior designs and industry experience, as well as a state-of-the-art facility and highly trained service representatives, LMI offers Water Treatment Professionals the quality and reliability they've come to expect.

Boiler

Cooling Tower

Industrial / Municipal

Water & Waste Water

Pool & Fountain



Conductivity Controllers

DC4500 Series



- Designed for cooling tower applications
- Dual biocide control
- Multiple inhibitor feed modes
- 0 - 20,000 μS range
- Solenoid or motorized valve control
- Open- / closed-loop system programming
- 4 - 20 mA output [programmable]
- Built-in equipment test circuits

DC4000 Series



- Designed for cooling tower / boiler applications
- Multiple inhibitor feed modes
- Continuous or timed boiler sampling
- 0 - 20,000 μS range
- Solenoid or motorized valve control
- Open- / closed-loop system programming
- 4 - 20 mA output [programmable]
- Built-in equipment test circuits

pH & ORP Controllers

AC4000 / AC5000 Series



- Designed for cooling tower applications
- Bleed and feed indicator lights
- 0 - 5,000 μS range
- Flow switch input and indicator
- Adjustable set point
- Meter test circuitry
- 4 - 20 mA recorder output [optional]

DP5000 / DR5000 Series



- 0 - 14 (pH) / +2000 to -2000 mV (ORP)
- Dual-channel output fully programmable
- On/off and/or proportional pump control
- Alarm output with programmable set points
- Drain valve control with programmable timers
- 3-point proportional pump control
- Probe diagnostics with 1- or 2-point calibration

Clear Cover

Clear, lockable front cover for easy viewing and tamper resistance.

NEMA 4X

Totally sealed, corrosion resistant enclosure for indoor/outdoor installation.

4 - 20 mA

Fully programmable 4 - 20 mA chart recorder output for remote monitoring and environmental compliance.

Easy Installation

Pre-drilled mounting flanges for quick installation.

Nonvolatile Memory

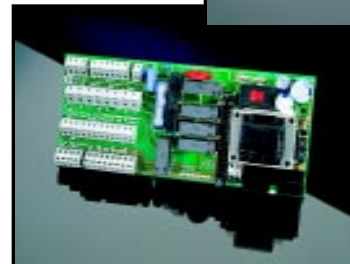
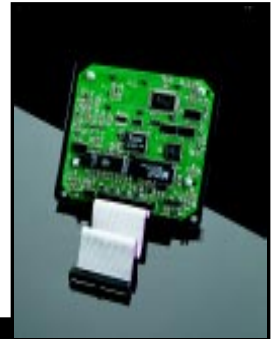
Set points stored in EEPROM prom eliminating the need for battery backup.

Voltages

Various voltage and power cord options for worldwide versatility

Wiring Terminal Strips

Easy access to wiring terminal strips. Available with a wide variety of wiring options for easy installation including prewired 115 VAC receptacles, 4-wire signal cables for proportional pump control, and watertight PG9 connectors for hardwire requirements.



Modular Manifold

Unique modular design for easy customization to system requirements. Conductivity probes and pH/ORP electrodes are available with individual mounting tees or fully assembled with flow switch and petcock valve.

Digital Controllers

DPC40 Series



- Proportional output control for two (2) pumps
- Accepts 4 - 20 mA or 1 - 5 VDC inputs
- Fully programmable response to analog input
- Flow meter input
- Internal / external control for manual operation

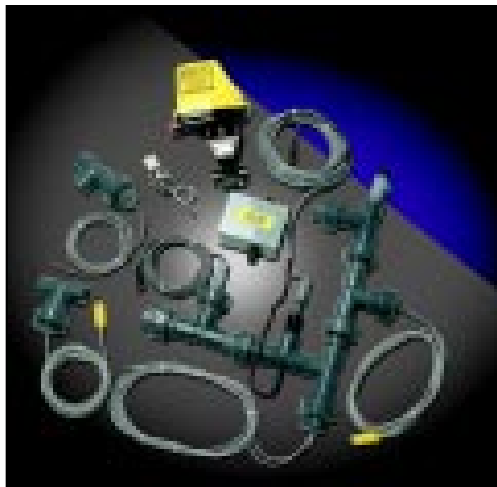
Flow Controllers

FS5000 Series



- Flow switch input
- Three (3) 115 VAC outputs [flow switch response]
- One (1) 115 VAC output [continuous power]
- Inexpensive pump controller

Accessories



- pH / ORP electrodes and manifolds
- Flow switches
- Conductivity probes and manifolds
- Boiler probes
- Motorized valves
- Pre-amplifier

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