Chemical Metering Pumps



Solenoid Electronic



Specialized Electronic



Intelligent Control



Motor Driven

You can rely on LMI

LMI®

LMI: A History of Excellence… A Future of Innovation

We earn our reputation every day.

LMI has been leading the way in the metering pump industry for over 40 years. The fact is, we have a world-renowned reputation for manufacturing the highest quality, most reliable pumps on the market. But that's just not enough. We feel a reputation this good should be earned every day.

And here's how we do it;

We build relationships.

Our goal is to exceed your expectations. In order to do this, we need to fully understand the challenges, limitations and demands you experience on a daily basis. That's why we put an exceptional amount of importance on partnering with our customers – not to build business – but to build relationships.

Of course, our long history in the industry gives us a distinct advantage when it comes to mastering the technical details and varied applications required for proper water treatment – but every customer is different. And we pride ourselves on being able to anticipate your needs before they arise, and provide the right solution, every time.

We focus on quality.

Now let's talk about pumps. As a pioneer in the industry, LMI actually introduced the first-ever full line of electronic metering pumps and accessories. And today, our trademark black and yellow has come to stand for quality, reliability, superior design and excellence in service.

Our wide breadth of products extends from basic metering pumps to highly sophisticated custom designs for specific customer applications. Whatever your needs, our highly-trained, knowledgeable service representatives are ready to answer any questions you may have, and find the solution that's best for you.

We constantly improve.

LMI is committed to continually improving our products and processes through a quality management program based on best practices.

The fact is – the industry is constantly changing, and your needs are changing along with it. LMI is shaping the future by exploring emerging technologies and offering you the most state-of-the-art products available.

Our job is to make yours easier.

With strategically located manufacturing sites and channel partner experts available around the globe, LMI is ready to help you wherever you are. Contact us today to find out how our pumps and accessories can make your job easier: www.lmipumps.com

We provide application expertise with extensive experience.
Our global distribution will partner with you long after the sale.

APPLICATIONS

- Water Treatment
- Waste Water Treatment
- Chemical Processing
- Food & Beverage
- Oil & Gas
- General Industry
- Power Generation
- Pulp & Paper
- Textiles

We offer a full line of metering pumps:

SOLENOID

Solenoid Actuated Diaphragm Pumps

PD Series



.002 to 2 GPH (.8 to 7.6 l/h)
Max: 450 PSI (30.6 Bar)

Excel AD



.002 to 2 GPH (.8 to 7.6 l/h)
Max: 250 PSI (17.2 Bar)

B Series



.001 to 7 GPH (6.1 to 26.5 l/h)
Max: 150 PSI (10.3 Bar)

C Series



.001 to 25 GPH (4.9 to 95 l/h)
Max: 300 PSI (20.7 Bar)

MOTOR DRIVEN

Non Lost Motion Mechanically Actuated Diaphragm Pumps

SD Series



.12 to 127 GPH (2.6 to 435 l/h)
Max: 175 PSI (12.1 Bar)

SG Series



26 to 300 GPH (400 to 1,136 l/h)
Max: 150 PSI (10.3 Bar)

SPECIALIZED ELECTRONIC

Solenoid Actuated Explosion Proof Pump

E Series



.001 to 20 GPH (4.9 to 78. l/h)
Max: 300 PSI (20.7 Bar)

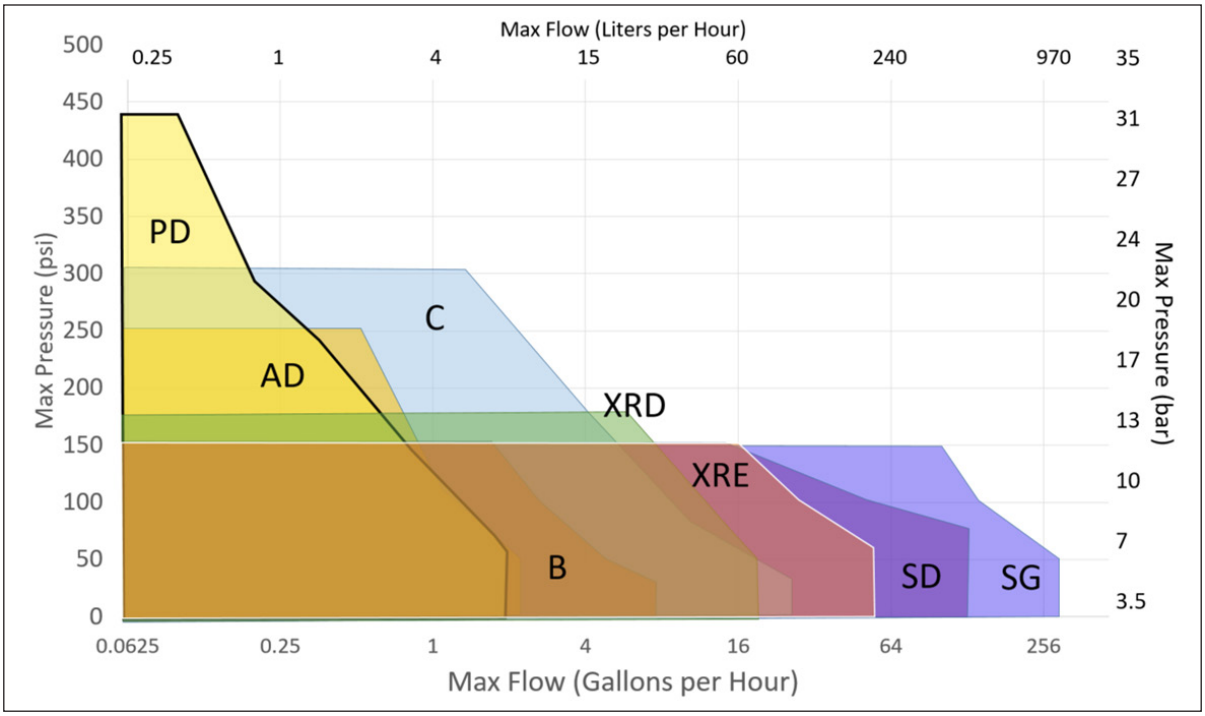
INTELLIGENT CONTROL

Stepper Motor Non Lost Motion Diaphragm Pump

EXCEL XR



.006 to 53 GPH (.023 to 203 l/hr)
Max: 175 PSI (12.0 Bar)



SOLENOID - Value Added Integral Control



PD Series Pumps

- **2.4" Color LCD** - Intuitive navigation allows you to configure and operate with ease. View status and alerts from a distance to confirm safe operation
- **External Control Inputs - Automate your process with pulse pacing, remote start/stop, and tank level indication**
- **Enhanced Model Features STAYPRIME™ Degassing Technology and automates the priming cycle**



EXCEL™ Series AD Pumps

- **LCD interface**
  Easy to view content
- **Fast prime liquid ends**
  Priming without depressurizing the discharge line
- **Digital and Analog Inputs and Outputs**
  User control interface with remote systems



B Series and C Series Pumps

- **Highly accurate / consistent dosing performance**
  Ideal for OEM & Municipal applications
- **Advanced control options**
  Simplified system integration
  (pulse multiply/divide, 4-20 mA, remote on/off)
- **External pacing**
  For flow proportional applications

MOTOR DRIVEN - Higher Output and Higher Pressure Applications



SD & SG Pumps

- **Mechanically actuated diaphragm (MAD)**
  Proven robust design
- **Variable eccentric design**
  Delivering smooth output to your application
- **Variable speed drives**
  External control (4-20 mA)
- **Durable metallic housing**
  Designed to withstand corrosive environments

INTELLIGENT CONTROL - Enhanced Performance and Process Control Capabilities



EXCEL XR Metering Pumps

- **Advanced easy-to-use operation interface**
  Enables maximum application customization
- **Remote Connectivity**
  Feedback in real-time for maximum control
- **Universal power supply**
  Providing maximum power flexibility
- **Multi-language navigation (English, French, Spanish, Portuguese, and Chinese)**
  Convenient operation anywhere in the field
- **Innovative drive system with +/- 1% steady state accuracy over 1000:1 turndown ratio,** Greater flexibility handling difficult chemicals

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SPECIALIZED ELECTRONIC - Explosion-proof and Remote Requirements



E7 Series Pumps (Explosion Proof)

- **Rugged, urethane coated cast housing**
  Designed for hazardous environments and outdoor use
- **Manual control or external control**
  Without the need for costly motor and control options
- **UL, cUL Listed**
- **Meets or exceeds all standards for Class I, Division I, Groups C and D; Class II, Division I, Groups E, F and G.**

Making LMI pumps and Accessories work for you

For integrators

Specifying LMI metering pumps and accessories for critical systems gives process systems integrators the best guarantee of reliability, accuracy, and performance in challenging environments.



For operators

Consider the value of LMI reliability when making updates to your equipment. LMI offers field-proven dosing technology, a state-of-the-art technology platform, and an easy-to-use navigation system all backed by authorized industry experts to support you long after the installation.



Liquid end assemblies

LMI offers a wide selection of liquid handling assemblies with flexible tubing and pipe thread connections as well as configurations for high viscosity chemicals to provide total flexibility in all applications.

- PVC
- PVDF
- Acrylic
- Polypropylene
- 316 SS

Accessories

LMI's global stocking distributors are strategically located for fast delivery of pumps and accessories to maximize your system and application. Customize the installation to meet your application needs using pump accessories from LMI.

- Calibration cylinders
- Control modules
- Flow indicators
- Flowmeters
- Fluoride saturator
- Monitors
- Pulse transmitters
- Pump mounting accessories
- Tanks
- Valves
- Tubing
- and much more



Repair and Preventative Maintenance Kits

The RPM Pro Pac™ kits are an economical solution to annual pump maintenance.

These kits are conveniently packed with easy to follow instructions to maximize pump uptime.



About Ingersoll Rand Inc.

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com

LMI has provided superior equipment and industry expertise to the water treatment industry for more than 40 years.

All products are in stock for immediate delivery. Contact your local LMI distributor today or visit us online at lmipumps.com to locate the LMI master distributor in your area.

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