

LIQUID CONTROLS GROUP

DELIVER

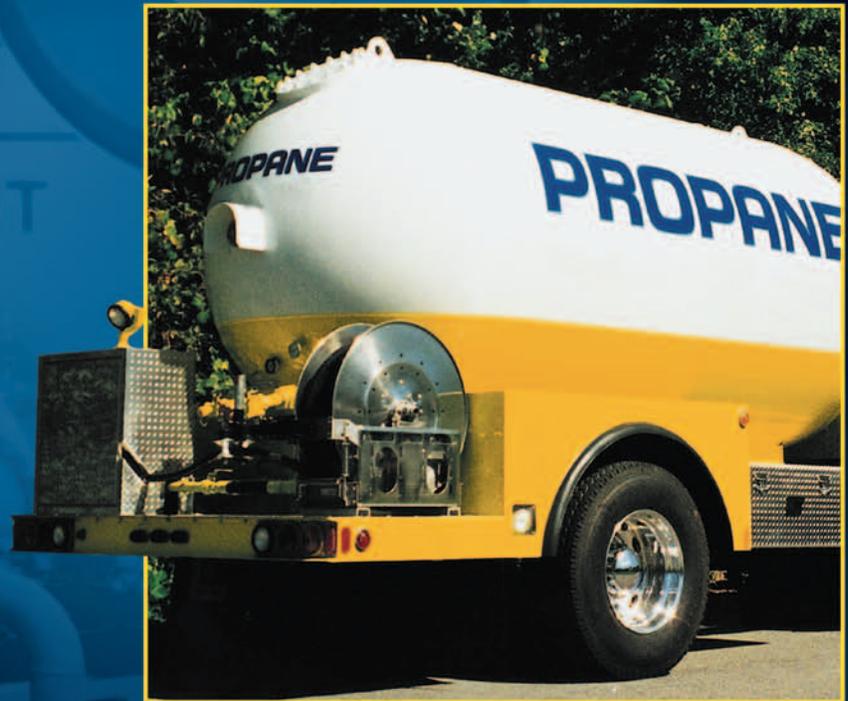
RUN

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PRINT



**Meters and Accessories
for LPG Applications**



The standard in LP gas measurement

Applications

Bobtail

Transport

Bulk plant

Terminal

Motor refueling

Industries served

Domestic heating/cooking

Agriculture

Transportation

Industrial process

and more

Liquid Controls provides the LP gas industry with metering systems that are among the most reliable and accurate in the world. Install a Liquid Controls metering system on your delivery vehicles, at your bulk terminal or in your plant, count on years of reliable, accurate performance.

Features and benefits

LC meters perform well with any liquid, including “dry” liquids with very low viscosity and lubricity like liquid propane gas. LC meters are exclusively designed with **no metal-to-metal contact** inside the measuring chamber. This feature minimizes wear, contributes to the meters’ accuracy and ensures long, reliable service life with significantly lower maintenance and operating costs.

LC meters’ unique construction results in **low pressure drop**, delivering superior performance with minimal demand on system pumps. LC meters are dependable in systems with older mechanical registration devices, or with the new electronic registers like LectroCount™ which provide increased efficiencies through automated data acquisition, on-site invoicing and

real-time communication capability.

At Liquid Controls’ **ISO-certified** facility in Lake Bluff, Illinois, LC meters are manufactured to last. Many LC meters, crafted with quality decades ago, are still in operation. From the beginning, they were never meant to become obsolete. That’s why Liquid Controls stands by them and is the market leader for custody transfer LPG meters.

In all applications—from transport and storage to industrial and agricultural use—Liquid Controls metering systems not only save you money, but provide you with peace of mind. That’s why you’ll want your LPG dispensing systems to include a Liquid Controls meter.

Premier products, premier performance

Capacity (Max. flow rate)

30 GPM to 200 GPM
115 to 760 L/min

Working pressure rating

350 PSI
24 BAR

Connections

1½", 2", 3" NPT, BSPT or slip
weld companion flanges



Capacity (Max. flow rate)

100 GPM to 1,000 GPM
380 to 3,785 L/min

Working pressure rating

350 PSI
24 BAR

Connections

2", 3", 4" and 6" ANSI flanges



Features

- Adapts to virtually all flow meters
- Compatible with LC Lap Pad or handheld computers for data entry
- Large-character display
- Weights and Measures approved



Features

- Adaptable to most PD meters
- Numerical counter provides 5-digit resettable totalizers



Features

- Fast, simple—connects in line
- Testing can take place by recirculation or during actual delivery



MA™ Series meters for trucks

A new standard for LPG custody transfer accuracy. No metal-to-metal contact provides the longest, most reliable service in the industry. Compact, cost efficient package offers greater mounting flexibility. Accessories include vapor eliminator and strainer with 100-mesh or 200-mesh screen, diaphragm valve, choice of mechanical or electronic registration with optional temperature/volume compensation.

MSA™ Series meters for terminal applications

Housed in a steel spherical case pressure shell rated to 350 PSI working pressure, the MSA Series features the same high-quality meter elements that are the hallmark of Liquid Controls' outstanding metering technology. Completely integrated meter accessories are available, including high capacity bulk vapor eliminators, strainers and valves.

LectroCount™ electronic registration systems

The ideal choice for both mobile and fixed flow measurement applications. Superior to mechanical registration, LectroCount provides near-perfect metering accuracy with multi-point calibration and optional electronic temperature/volume compensation. Simple to operate electronics deliver advanced features including on-site ticket generation, improved security and audit trail and capability for real-time RF communications with your home office. Available in Class 1, Div. 2 or Class 1, Div. 1 housing.

Mechanical registration systems

Ideal for systems without electrical power. Preset counters are available for either single-stage or two-stage valve closure. Printers generate standard zero-count or accumulative style tickets.

LPG meter proving cart

Provides a quick and easy method for checking the accuracy of any LPG meter with a flow range of 10 to 100 GPM, regardless of manufacturer. Reference meter is calibrated and sealed, conforming to NIST standards.



A tradition of excellence that benefits you

Over fifty years ago, Liquid Controls set a new standard of excellence in engineering by building the finest flow meter products possible. The very first Liquid Controls meters metered aviation fuel for the United States Air Force, and it wasn't long until the Liquid Controls name became synonymous with dependability and accuracy. With years of constant innovation in flow meter technology, a flourishing worldwide distribution network and an ever-expanding industry base, Liquid Controls remains a premier name for controlling and measuring high-value liquids and gases.

In 2001, Liquid Controls joined the IDEX team of companies and became part of the Liquid Controls Group. The Liquid Controls Group is a collection of well respected companies brought together to assure custody control and precision management of high-value fluids and gases. IDEX is a leader in the manufacture of a broad range of pump products, dispensing equipment and other engineered technologies. Maintaining a theme of leadership, IDEX delivers Innovation, Diversity and EXcellence to thousands of valued customers around the world.

Our commitment to excellence will never change. The professionals at the Liquid Controls Group are driven to bring you products that perform efficiently and accurately with minimum maintenance for years to come. Delivering everything you'd expect from the very best—that's our goal.

LIQUID CONTROLS GROUP

A Unit of IDEX Corporation

105 Albrecht Drive
Lake Bluff, IL 60044-2242
1.800.458.5262 • 847.295.1050
Fax: 847.295.1057
www.liquidcontrolsgroup.com



ISO 9001



DNV

CERTIFICATED FIRM
Certificate No. 08732

ISO 14001



DNV

CERTIFICATED FIRM
Certificate No. 05049

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