Meters and Accessories for LPG Applications
The standard in LP gas measurement

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.

Applications

- Bobtail
- Transport
- Bulk plant
- Terminal
- Motor refueling

Industries served

- Domestic heating/cooking
- Agriculture
- Transportation
- Industrial process
- and more
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