



# LIQUID CONTROLS



## Positive Displacement Meters and Accessories



## Premier products, premier performance

### Applications

#### Truck metering

- Refined fuels
- LPG
- Aviation fuel
- Alternative Fuels
- Lube oils
- Agricultural chemicals

#### Bulk plant/terminal metering

- Crude petroleum products
- Refined petroleum products and LPG
- Alternative Fuels
- Industrial chemicals/solvents
- Marine fuel/bunker oil
- Hot Asphalt/Asphalt Emulsions

#### Dispenser metering

- LPG and diesel fuel

#### Industrial process metering

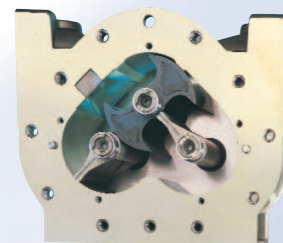
- Liquid sweeteners/corn syrup
- Paints and coatings
- Pulp and paper
- Pharmaceuticals
- Printing inks
- Concrete add mixtures
- Industrial liquids

Liquid Controls is a world renowned supplier of reliable, high-accuracy, positive displacement (PD) metering systems. Whether your business requires flow measurement for custody transfer or process control, with an LC PD meter on your delivery vehicle, at your bulk shipping facility, or at your plant, you'll get years of consistently accurate, trouble-free service. Because of the ease of installation, minimal maintenance, and few replacement parts, you'll appreciate the low cost of owning and operating LC positive displacement meters.

### Features and benefits

LC meters are exclusively engineered with no metal-to-metal contact within the measuring chamber, making use of a thin liquid capillary film between rotating and stationary components for hydraulic sealing. This unique design results in **minimal wear, sustained accuracy, and low operating costs**. When measuring the flow of a broad range of products, LC's innovative design results in minimal resistance to flow and the ability to operate on pump pressure or gravity feed. That means efficient performance and **low pressure drop** across the meter. LC's combination of low pressure drop with minimum seal or slippage area offers better accuracy over a wide range of flow than other commercially produced PD meters.

The simplicity in design and high quality manufacturing make LC meters more reliable and less costly to operate than other meters. Multiple installation configurations provide greater mounting versatility. In many cases, you can replace your existing meter with an LC meter with minimal disruption to system piping and components.



*LC's three-rotor positive displacement measuring chamber.*