

LPG Positive Displacement Flow Meter

Positive displacement flow meter designed for accurate measurement of LPG and other liquefied gases. It features a mechanical counter display indicating totalized flow in liters.



Product Overview

Precision Flow Measurement

This positive displacement flow meter is engineered for accurate liquid metering in both transfer and process control applications. Utilizing a synchronized three-rotor design, it ensures continuous, reliable measurement without metal-to-metal contact, promoting longevity and ease of maintenance. Its robust construction makes it suitable for a wide range of industrial fluids, from refined petroleum products to viscous liquids and chemicals.

Technical Specifications

Working Principle	Positive displacement via synchronized bladed rotors and a central blocking rotor
Rotor Configuration	Two bladed displacement rotors and one central blocking rotor

Application Compatibility

Specialized Applications

- Crude Oil
- Heated/Viscous Liquids (Animal fats, resins, #6 oil, asphalt emulsions)
- Solvents (Methanol, Toluene, Xylene, Naphtha, Acetone, MEK, MIBK, Alcohols)

Class 3 Applications (Food Grade)

- Liquid sugars
- Corn syrup
- Corn sweeteners
- Dextrose
- Fructose
- Sucrose
- Maltose
- Lactose
- Vegetable oils

Class 1 Applications (Refined Petroleum)	Gasoline, Fuel Oil, Diesel Fuel, Kerosene, Ethylene Glycol, Motor Oils, Rotogravure Ink
Class 10 Applications (LPG)	Butane, Isobutene, Pentane, Ethane, Freons, Propane