

Dual Rotor Volumetric Flow Meter

This precision instrument accurately measures volumetric flow in industrial settings. Its dual rotors enhance accuracy and reduce sensitivity to flow disturbances, with an electronic display providing real-time data.



Product Overview

Precision Volumetric Measurement

The UF-E double-rotator positive displacement flow meter is engineered for high-accuracy liquid measurement using a specialized pair of spiral-shaped rotors. Its robust design features an additional positioning gear to ensure smooth, interference-free rotation with minimal noise and wear. Nickel-plated for enhanced corrosion and wear resistance, this meter is highly adaptable to various liquid viscosities and can handle fluids containing fine particles without jamming.

Key Performance Metrics

Maximum Flow Capacity

2 x

Flow Capacity Factor

Max Wired Transmission

1000 m

Technical Specifications

Explosion-Proof Rating

IaCT4

Pulse Signal Output

N = 0.1L (1 pulse, 1N)

Protection Class

IP65

Compatibility

Compatible Fluids

Diluted Oil, Light Oil, Heavy Oil, Crude Oil

Key Features

Operational Advantages

- High accuracy and reliability
- Minimal internal pressure loss
- Wear and corrosion resistant nickel-plating
- Wide viscosity range compatibility
- Direct computer network connectivity