

Explosion-Proof Oval Gear Flowmeter with Remote Meter Head

This explosion-proof oval gear flowmeter accurately measures flow in hazardous environments. The device features a remote ECO universal meter head for versatile monitoring and control.



Product Overview

Precision Flow Measurement

This explosion-proof oval gear flowmeter is a high-precision volumetric instrument designed for demanding industrial applications, particularly in oil measurement. It features a versatile remote meter head with an electronic counter that can be rotated for optimal viewing angles. Built for reliability, it operates without external power, utilizing long-life internal batteries for up to 8 years of service.

Technical Specifications

Tested Medium	Heavy Oil, Light Oil, Lamp Oil
Operating Temperature	-10 to 120 °C
Operating Pressure	1.18 MPA
Medium Viscosity	200 CP
Connecting Flange	JIS10K RF (Japan Standard)

Materials and Construction

Body Material	FC250
Rotary Rotor Material	Special Resin

Performance Metrics

Precision

- 0.2
- 0.5

Battery Life

8 years

Battery Life

Pressure Loss

0.0001 - 0.022 MPA

Features

Key Capabilities

Explosion-proof • Volumetric Metering • Remote Transmission • Cumulative Flow Display • Instantaneous Flow Display