

Gas Turbine Flowmeter with Flange Connection

This flowmeter measures air, natural gas, and steam within diameters from 25mm to 4500mm. It features 4-20mA with RS485 output, an LCD display, flange connection, SS304 body material, and explosion-proof construction.

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ADDITIONAL IMAGES



Product Overview

Precision Gas Flow Measurement

This gas turbine flowmeter is engineered for the accurate measurement of gas flow rates in demanding industrial environments. Featuring a robust design with secure flanged connections, it utilizes a turbine rotor that rotates proportionally to gas velocity to provide reliable data. The device includes an electronic transmitter for seamless process integration and is built with corrosion-resistant materials to ensure long-term operational stability.

Performance Metrics

Accuracy and Repeatability

0.2 %

Repeatability

1.5 %

Standard Accuracy

Max Signal Distance

1000 m

Technical Specifications

Available Output Signals

- Pulse signal (Low Level d0.8V, High Level e8V)
- 4 to 20 mA DC current signal

Wetted Components

Component	Material Options
Housing	Tungsten Carbide (Std), 304/316 Stainless Steel
Bearings & Shaft	ABS (Corrosion Resist) or Aluminium-Alloy
Rotor	ABS (Corrosion Resist) or Aluminium-Alloy
Retaining Rings	304 Stainless Steel