

# 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.

Livia Wang  
Tianjin Sure Instrument Science & Technology Co., Ltd  
URL: <http://www.suremeter.com>  
ADDRESS: No.12 Outer Ring Industrial Park, Tianjin, 300380, China  
Tel: (+86 22) 2373 2926; 2798 4345 ext 8401; Fax: 2798 4210  
Cell Phone: 0086 152 2207 0207  
E-mail: [livia@suremeter.com](mailto:livia@suremeter.com); [livia@sure365.com.cn](mailto:livia@sure365.com.cn); [wang.livia1020@hotmail.com](mailto:wang.livia1020@hotmail.com)  
SKYPE: wang.livia

## 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