

Diaphragm Gas Meter

Diaphragm gas meters accurately measure gas consumption in residential and commercial applications. These meters are available in various sizes (G6, G10, G16, G25) to accommodate different flow rate requirements.

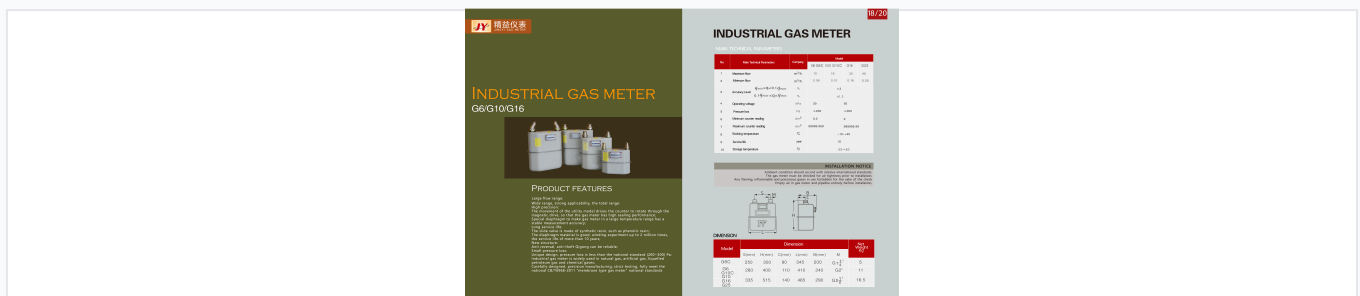


Overview

Precision Gas Measurement

These diaphragm gas meters are engineered for the accurate measurement of natural gas, artificial gas, and liquefied petroleum gas in both residential and commercial settings. Featuring a robust construction with synthetic and phenolic resin components, they ensure long-term reliability and a service life exceeding 10 years. The design incorporates a high-precision magnetic drive and specialized diaphragms to maintain stable measurement accuracy across a broad temperature range.

Technical Specifications



Industrial diaphragm gas meter suitable for natural, artificial, and liquefied petroleum gases.

Flow Rate Performance

Model	Max Flow (m³/h)	Min Flow (m³/h)
G6	10	0.06
G10	16	0.1
G16	25	0.16
G25	40	0.25

Operating Environment

-10 °C Min Operating Temp	40 °C Max Operating Temp	50 kPa Max Operating Pressure
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Available Models	G6, G6C, G10, G10C, G16, G25
Pressure Loss	d30Pa
Expected Service Life	10 years

Features

Core Advantages

- High-precision magnetic drive for superior sealing
- Anti-reversal and anti-theft Qigong design
- Synthetic and phenolic resin internal components
- Stable accuracy across wide temperature ranges
- Compliant with GB/T6968-2011 standards

Installation

Important Installation Requirements

Before installation, ensure the ambient conditions comply with relevant international standards. It is critical to perform an air tightness check on the gas meter prior to installation. Ensure all air is completely evacuated from the meter and pipeline. Do not use near flaming, inflammable, or poisonous gases during the check process.