

# 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.

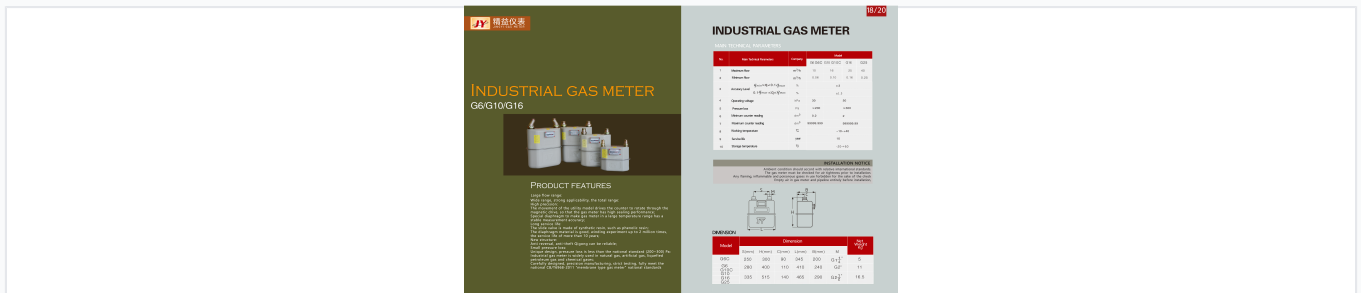


## Overview

### 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 GAS METER**

PRODUCT FEATURES

Large flow range:  
Wide range, strong applicability, the total range:  
high precision:  
The movement of the utility model drives the counter to  
magnetic drive, so that the gas meter has high sealing pe

Parameter	Value
Model	G6, G10, G16, G25
Material	Aluminum, Steel
Pressure	0.1 MPa
Temperature	-10°C to 40°C
Flow Rate	0.06 to 40 m³/h
Accuracy	±1.5%
Service Life	> 10 years

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

<b>-10 °C</b> Min Operating Temp	<b>40 °C</b> Max Operating Temp	<b>50 kPa</b> 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.