

# Diaphragm Gas Meter for Natural Gas and LPG

This gas meter accurately measures the volume of gases such as coal gas, natural gas, and LPG. Designed with advanced technology, it offers a compact size.



## Overview

### Precision Gas Measurement

This diaphragm gas meter is engineered for the accurate measurement of natural gas and LPG consumption in residential and commercial settings. It features a robust design capable of handling varying flow rates while maintaining strict permissible error margins. Built for reliability, this meter operates effectively across a wide temperature range and pressure spectrum, making it a dependable choice for billing and monitoring applications.

## Performance Metrics

### Flow Rate Performance

Model	Rated Flow (qn)	Max Flow (qmax)	Min Flow (qmin)
G1.6	1.6	2.5	0.016
G2.5	2.5	4	0.025
G4	4	6	0.04

### Accuracy Standards

- $q_{min} \leq q < 0.1q_{max}$ :  $\pm 3\%$
- $0.1q_{max} \leq q \leq q_{max}$ :  $\pm 1.5\%$

## Technical Specifications

### Operating Conditions

<b>50 kPa</b> Max Working Pressure	<b>50 °C</b> Max Ambient Temp	<b>-20 °C</b> Min Ambient Temp
---------------------------------------	----------------------------------	-----------------------------------

Physical Dimensions	110mm or 130mm (entrance to exit)
Net Weight	2 kg
Cyclic Volume	1.2 dm <sup>3</sup>

## Display and Monitoring

Reading Range	Max: 99999.999 m <sup>3</sup>   Min: 0.2 dm <sup>3</sup>
---------------	--