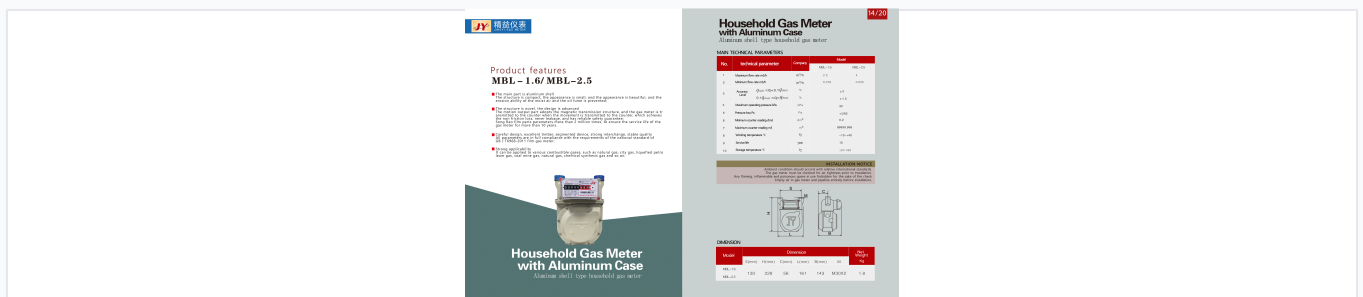


# Aluminum Gas Meter G1.6 G2.5

This gas meter is designed for precise measurement of gas consumption in residential and commercial settings. Its robust aluminum build ensures durability and reliable long-term performance.



## Overview



**Product features**  
**MBL-1.6/ MBL-2.5**

**Household Gas Meter with Aluminum Case**  
Aluminum shell type household gas meter

Item	Model	Unit	Value
1	Flow Rate	m³/h	2.5
2	Max. Operating Pressure	kPa	30
3	Accuracy	%	±1.5
4	Expected Service Life	Years	10
5	Material	Aluminum	Aluminum
6	Working Temperature	°C	-10 to +40
7	Storage Temperature	°C	-20 to +60
8	Pressure Loss	Pa	<200

A detailed view of the aluminum gas meter, highlighting its compact design and robust construction.

## High-Precision Aluminum Gas Meter

This positive displacement gas meter is engineered for accurate measurement of gas consumption in both residential and commercial settings. Featuring a robust aluminum shell, it offers exceptional durability, corrosion resistance, and a compact design suitable for various environments. The advanced magnetic transmission structure ensures reliable, leak-free operation, while the high-precision counter provides clear and precise volume tracking.

## Technical Specifications

### Performance Metrics

**2.5 m³/h**

Max Flow Rate (MBL-1.6)

**4 m³/h**

Max Flow Rate (MBL-2.5)

**30 kPa**

Max Operating Pressure

**10 years**

Expected Service Life

### Accuracy Standards

Flow Range	Accuracy Level
$q_{min} < q < 0.1 q_{max}$	±3%
$0.1 q_{max} < q < q_{max}$	±1.5%

### Environmental Conditions

- Working Temperature: -10°C to +40°C
- Storage Temperature: -20°C to +60°C
- Pressure Loss: <200 Pa

## Compatibility & Features

### Key Design Features

Aluminum Shell • Magnetic Transmission • Leak-Free Operation • Compact Design • Corrosion Resistant

### Compatible Gases

Natural Gas, City Gas, Liquefied Petroleum Gas, Coal Mine Gas, Chemical Synthesis Gas

## Installation & Maintenance

### Installation and Safety

Ensure the installation environment complies with relevant international standards. Prior to installation, the gas meter must be checked for air tightness, and all air must be emptied from the meter and pipelines. The use of flaming, inflammable, or poisonous gases during testing is strictly forbidden.