

G2.5 Diaphragm Gas Meter

■ STANDARD

Comply with international standard
EN1359, OIML R137 and
MID2004/22/EC.

■ MATERIALS

- Housing made through die-casting of high-quality(galvanized) steel.
- Valve and valve seat made of advanced PF synthetic resin.
- The measuring unit is injected by using the import engineering plastic.
- The valve and bottom are made of advanced Phenol-formaldehyde synthetic resin with stronger abrasion resistance.
- The diaphragm is made of top quality material has been tested 3 million bending test and its service life more than 10 Years.

■ QUALITY CONTROL

Seven steps quality control of leakage test
20 years production experience.

■ FEATURES

- 360 degree rotating valve designing
- Customized connection thread
- Sealing cannot be removed without



■ SPECIFICATION

Nominal Flow Rate	2.5 m³/h	
Max. Flow Rate	4m³/h	
Min. Flow Rate	0.025m³/h	
Total Pressure Lose	≤200Pa	
Operation Pressure Range	0.5 ~ 50kPa	
Cyclic Volume	1.0dm³	
Permissible Error	Qmin≤Q<0.1Qmax	±3%
	0.1Qmax≤Q≤Qma x	±1.5 %
Min. Recording Reading	0.2dm³	
Max. Recording Reading	99999.999m³	
Operation Ambient Temperature	-10 ~ +55℃	
Storage Temperature	-20 ~ +60℃	
Service Life	More than10 years	
Connection Thread	NPT3/4 to DN15(NPT thread)	

■ APPLICATION

Nature gas, Biogas, LPG and all non-corrosive gas

■ INSTALLATION:

1. Leakage checking before installation by inflating pressurized maximum 50 kPa.

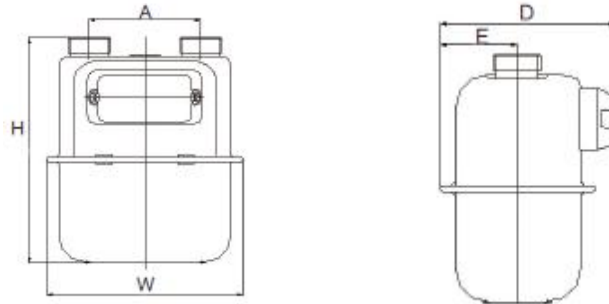
Far away from inflammable, explosive or poisonous gas and objects.

2. The gas meter should be installed in a dry place and 1.5m at least from hearth. The case of putting it in bedroom or bathroom is strictly forbidden.

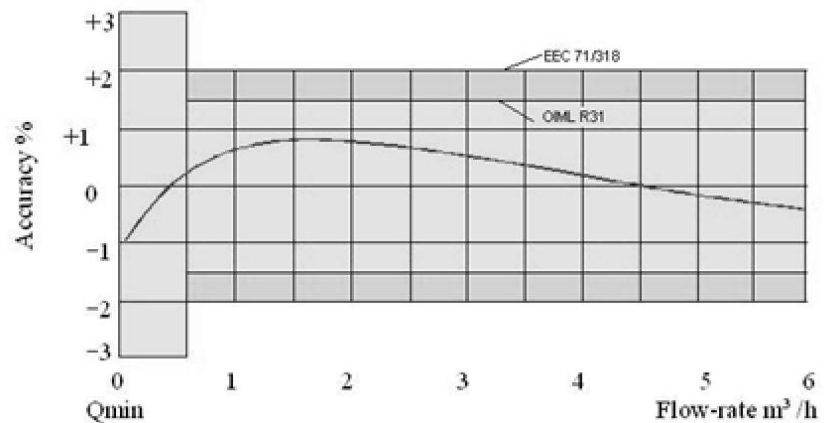
3. Bumping, inverting or dampening should be prohibited in storage and transportation.

■ DIMENSIONS(MM):

MODEL	H mm	W mm	D mm	E mm	A mm
G 1.6	209	194	152	90	110
G 2.5					



TOPIC ERROR CURVE



PRESSURE LOSS CURVE

