

## ZG6S-1 (Steel) commercial IC card diaphragm gas meter

### General

This type gas meter is a volumetric meter with smart and prepaid function, which are used in measuring the volume of natural gas, liquid gas, marsh gas, city pipe gas and other gas with working pressure of 5mbar~0.5bar. The meter Gas meter is mainly used in measuring the volume of gas in industrial and mining enterprises, business users and villas.

### Main function and Characteristic

- The max. permissible purchase gas can be set, to avoid customer hoarding large number of gas, in order to reduce the gas operator's loss caused by fluctuation of gas price;
- Intuitive interface to show the information such as insufficient remaining gas, the battery under pressure, etc.;
- Dual mechanism of sensor counting coexist, to avoid loss of gas measurement;
- Fault detection on sensor;
- Record and feedback of abnormal information;
- Optional function of overdraft using;
- Multiple certificate on data access to ensure data security and reliability;
- Design with anti-high voltage electrostatic, which safe and reliable;
- Low static power consumption; long battery life;
- Adopting sealed module, which can effectively prevent the water vapor and fumes from the kitchen.



### Main technical parameters

Main index	Specification & type	ZG6S-1
Nominal flow-rate ( $q_n$ )	$m^3/h$	6
Max. flow-rate ( $q_{max}$ )	$m^3/h$	10
Min. flow-rate ( $q_{min}$ )	$m^3/h$	0.06
Operating pressure range	kPa	0.5~20
Max. permissible error	$q_t \leq q \leq q_{max}$	$\pm 1.5\%$
	$q_{min} \leq q < q_t$	$\pm 3\%$
Total pressure loss	Pa	$\leq 250$
Max. reading	$m^3$	99999.999
Min. reading	$m^3$	0.0002
Cyclic volume	$dm^3$	2
Working voltage	V	DC6V ( 4pcs #5 Alkaline battery)
Pulse equivalency	$m^3/pulse$	0.1 or 0.01
Static working current	$\mu A$	$\leq 20$
Max. instantaneous current	mA	$\leq 300$
Weight	kg	3.4
Standard CJ/T112-2008, GB/T6968-2011, JJG577-2012		

### Appearance and installation size

