

IC Card Diaphragm Gas Meter

This gas meter is designed for the precise measurement of gas consumption. It incorporates an IC card interface for secure data management and tamper resistance.



Overview

Smart Gas Measurement Solution

The IC Card Diaphragm Gas Meter integrates traditional mechanical measurement with advanced electronic circuitry to enable automated gas management. Designed for both residential and commercial use, it supports prepaid functionality, credit accumulation, and real-time gas status monitoring. The device ensures operational safety through features like voltage monitoring, valve automation, and robust protection against magnetic tampering.

Technical Specifications

Maximum Flow Rate	4 m ³ /h
Minimum Flow Rate	0.025 m ³ /h
Maximum Working Pressure	1.2 kPa
Casing Material Options	Steel Case, Aluminum Case

Features & Functionality

Core Functionalities

- Prepaid gas control
- Credit accumulation tracking
- Automated valve closing
- Low voltage warning
- Magnetic attack protection
- LCD status display

Safety Compliance

Data Protection • Low Voltage Cutoff • Tamper Resistant