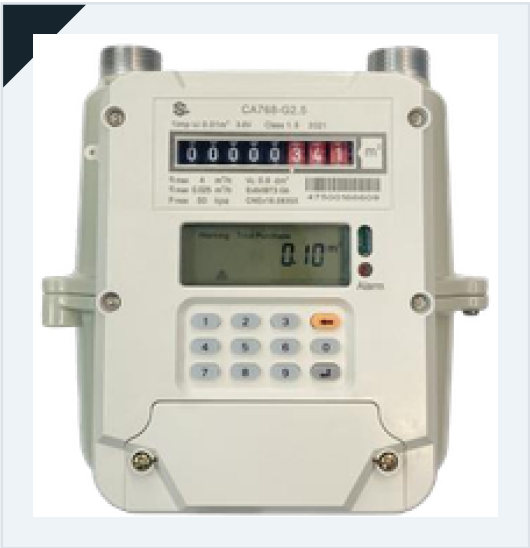
DIAPHRAGM GAS METER

CA768

STS Keypad Prepaid Gas Meter

The CA768 combines the STS prepayment standard with a proven, high-precision diaphragm gas meter. Built from galvanised steel and die-cast aluminium for maximum corrosion resistance, it is an ideal revenue-protection and customer-management solution across a wide range of gas media.



CA768 STS keypad prepaid gas meter

KEY CAPABILITIES

20-digit STS Token recharge via keypad	**Up to 6 years** Long battery life	**High-precision** Proven diaphragm metering
RF keypad CIU Wireless customer unit	**LoRaWAN / NB-IoT** Remote meter reading	**Low-credit alerts** Credit & battery warnings

APPLICATIONS

- Residential prepaid gas supply
- Estates & housing developments
- Commercial & light-industrial gas
- Municipal gas billing

KEY FEATURES

- 20-digit STS token recharging
- Low power usage and low failure rate
- Galvanised steel & die-cast aluminium build
- Low-credit and low-battery warnings

How It Works

The CA768 pairs a high-precision diaphragm meter with an STS prepayment controller and a wireless RF keypad (CIU) inside the home. The consumer buys credit, enters a 20-digit token on the keypad, and the meter restores the gas supply. Low-credit and low-battery warnings give households time to recharge before the supply stops.

Buy credit
Via the Kryohm vending platform

Enter token
20-digit code on the keypad

Meter credited
Credit added instantly

Gas supplied
Supply restored

PROVEN MEASUREMENT CORE

A diaphragm measurement core, supplied across millions of service connections, combines accurate metering with reliable STS revenue protection.

Key Advantages

Proven & Reliable

A diaphragm measurement core trusted across millions of service connections worldwide.

Long Service Life

Up to 6 years of battery life and low power consumption keep the meter running reliably.

Built to Last

Galvanised steel and die-cast aluminium resist corrosion in demanding environments.

Technical Specifications

Meter type	Diaphragm gas meter	**Sizes**	G1.6 / G2.5 / G4
Nominal flow rate	1.6 / 2.5 / 4 m^3/h	**Maximum flow rate**	2.5 / 4 / 6 m^3/h
Working pressure	0.5 to 50 kPa	**Standards**	OIML R137, EN 1359
Battery life	Up to 6 years	**Minimum flow rate**	0.016 / 0.025 / 0.040 m^3/h
Recharge	20-digit STS token	**Communication**	LoRaWAN / NB-IoT / GPRS
Pressure loss	< 200 Pa	**Maximum reading**	99999.9 m^3