

MULTI-JET WATER METER

CA568-S







STS Split Prepaid Water Meter

The CA568-S is an STS-compliant, electronic valve-controlled prepaid water meter that delivers accurate metrology and revenue protection at the same time. A separate keypad unit is installed inside the home for recharging, while the meter stays in a secure, locked enclosure out of reach.





CA568-S multi-jet prepaid water meter


KEY CAPABILITIES


 <p>20-digit STS Token recharge via keypad</p>	 <p>Valve control Automatic supply shut-off</p>	 <p>IP67 waterproof Fully sealed meter body</p>
 <p>RF-LoRa CIU Wireless keypad link</p>	 <p>AMR ready LoRa & GPRS / 4G reading</p>	 <p>Non-return valve Prevents back-flow</p>

APPLICATIONS

-  Residential prepaid water supply

-  Estates & sectional-title schemes

-  Student & staff accommodation


-  Municipal water billing

KEY FEATURES

-  Prepaid and post-paid hybrid operation

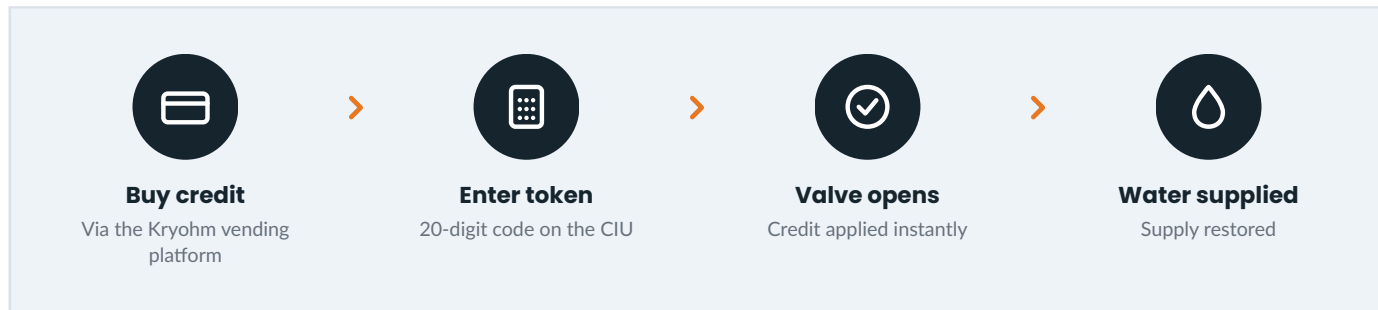
-  OIML R-49 & EN 14154 compliant metrology

-  Wet or dry dial register on request

-  Brass or plastic meter body on request

How It Works

The CA568-S meter is installed in a locked enclosure away from the consumer, while the Customer Interface Unit (CIU) keypad sits inside the home. The two communicate wirelessly over RF-LoRa. To recharge, the consumer buys credit, enters a 20-digit STS token on the CIU, and the meter's electronic valve opens to restore the water supply.



METROLOGY & REVENUE PROTECTION

An electronic control valve and STS token recharging combine accurate metrology with full revenue protection, while a non-return valve prevents back-flow.

Key Advantages



Accurate & Compliant

Metrology compliant with OIML R-49 and EN 14154 ensures fair, dependable measurement.



Protects Revenue

STS prepayment and a locked meter enclosure secure water income and curb unbilled losses.



Flexible Installation

Brass or plastic bodies, wet or dry dials and prepaid or post-paid modes suit any site.

Technical Specifications

Meter type	Multi-jet, electronic valve	Sizes available	DN15 to DN50 (1/2" to 2")
Standards	OIML R-49, EN 14154	Max working pressure	16 bar
Max water temperature	50°C	Ingress protection	IP67 (meter body)
CIU communication	RF-LoRa	AMR reading	LoRa, GPRS / 4G
Recharge	20-digit STS token	Meter body	Brass or plastic (on request)
Register	Wet or dry dial (on request)	Maximum reading	99999 m ³