

Make It Easy





JOYS200 STS keypad prepaid water meter

















www.joymeter.com







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DESCRIPTION

JOYS200 STS keypad prepaid water meter is the classic generation of payment water meters of JOY, which is designed to control the water consumption and revenues via a motorized valve for prepayment.

It is completely designed according to the prepayment principle of STS and enables the utility to collect water fees and arrears. JOYS200 is one of the earliest meters in the world which was certified by STS association from South Africa.

By working with Joy vending management system, step-tariff and multi taxes and fees, which is customized as different management goals, can be setup independently in the system and nothing to do with the meter.

Battery cover status detection

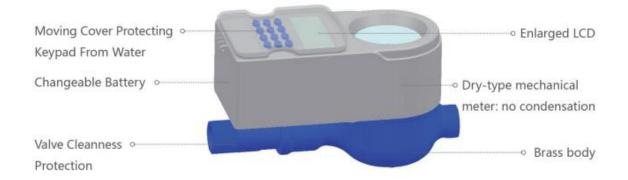
Magnetic Interference Protection

Upgraded SPC power solution

FEATURES

- ► STS compliant
- Valve self-cleaning
- ► Keypad with text feedback
- Self-checking, including valve fault, memory fault, etc.
- Adjustable emergency credit and low credit warning levels
- ► Automatic diagnosis of malfunction includes valve fault, memory fault, etc.

Dry type mechanical meter eradicating condensation and dirt on dial



TECHNICAL SPECIFICATIONS

Item	Parameter		
Diameter, mm	DN15	DN20	DN25
R(Q3/Q1)	80	80	80
Permanent Flowrate, Q3, m ³ /h	2.5	4.0	6.3
Overload Flowrate Q4, m ³ /h	3.125	5	7.875
Min. Flowrate Q1, m ³ /h	0.031	0.050	0.078
Length, mm	195	195	225
Width, mm	85	85	85
Height, mm	117	117	125
Connection	G3/4	G1	G1'1/4
Flow Sensor Type	Multi-jet, wet		
Flow Sensor Material	Brass		
Class of Temp.	T30		
Max. Working Pressure, MPa	1.0		
Pressure Loss	ΔΡ63		
Sensitivity to Irregularity	U10/D 5		
Accuracy	Class 2		
Environmental Classification	В		
Electromagnetic Environment	E1		
Installation Direction	Horizontal		
Installation Environment	Indoor		
LCD Display	8 digits		
LCD Resolution	$0.1 \mathrm{m}^3$		
Power Supply	DC 3.6V, SPC		
Meter Life	6 years		
Static Consumption	<20 μA		
Disconnection Device	Ball Valve		
Keypad	12 keys, international outlay standard with 0-9 numeric key		
Protection	IP54		
Ambient Temp.	5~55 ℃		
Storage Temp.	-20~60 °C		
Standard Compliance	ISO4064, EN14154,OIMLR49, IEC62055-41		