Keypad Prepaid Water Meter
JFS2000 STS

Connecting to smart world

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↗ DESCRIPTION

JFS2000 STS keypad prepaid water meter is the classic generation of payment water meters of FDE,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. JFS2000 is one of the earliest meters in the world which was certified by STS association from South Africa.

By working with FDE 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.

↗ 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

▶ Dry type mechanical meter eradicating condensation and dirt on dial

▶ Automatic diagnosis of malfunction includes valve fault, memory fault, etc.

▶ Battery cover status detection

▶ Magnetic Interference Protection

▶ Upgraded SPC power solution

Moving Cover Protecting Keypad From Water

Changeable Battery

Valve Cleanness Protection

Enlarged LCD

Dry-type mechanical meter: no condensation

Brass body

↗ 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	ΔP63		
Sensitivity to Irregularity	U10/D 5		
Accuracy	Class 2		
Environmental Classification	B		
Electromagnetic Environment	E1		
Installation Direction	Horizontal		
Installation Environment	Indoor		
LCD Display	8 digits		
LCD Resolution	$0.1m^3$		
Power Supply	DC 3.6V, SPC		
Meter Life	6 years		
Static Consumption	<20μA		
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 ℃		
Standard Compliance	ISO4064, EN14154,OIMLR49, IEC62055-41		