

Ultrasonic Flowmeter (UF6000 Series)

A native and knowledge-based product



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Technical Specifications

Nominal Size (DN)	4 to 60 inches
Accuracy	≤1% F.S.
Repeatability	≤0.25% F.S.
Flow Velocity	0.1 to 12 m/s
Temperature Class	-20 to +80 Celsius for sensors -10 to +60 Celsius for display
Outputs	4-20mA, RS585
Power Supply	AC: 110-220V (50-60 Hz frequency) DC: 12V
Principles of device operation	Transit Time ultrasonic, through two sensors on the tube, which increases the accuracy compared to the Doppler Meters
Pipe Material	All types of carbon steel and stainless steels, polyethylene, asbestos, PVC and GRP
Display Units	L/s, L/min, L/hr, m ³ /s, m ³ /min, m ³ /hr, gal/s, gal/min, gal/hr



Technical Features

- It has wide applications in the drinking water industry, treated wastewater, food industry, fuel and petroleum products, irrigation systems, etc.
- Suitable for Undrillable, metallic and non-metallic pipes
- Cost effective for large size pipes, excellent accuracy
- IP67 waterproof certificate for the display and IP68 for the sensors
- Displaying various measurement units (instantaneous flow rate and total flow volume in two directions)
- 2-year warranty and 10-year after-sales service
- Resistant to power fluctuations.
- Battery support up to 6 hours (optional)
- Ability to connect to solar panels (optional)
- No need for service and maintenance due to the lack of moving parts



specifications and features of sensors and data loggers

- frequencies: 320, 640, 1000 and 1280 kHz (depending on the size of the pipe)
- The ability to install clamp-on, with 12 meters of sensor cable that can be increased up to 100 meters
- Completely waterproof and resistant to harsh environmental conditions
- It has an internal data logger with the ability to save all the information displayed on the screen
- It has an internal GSM data transmission system (customized)
- Ability to retrieve data with USB port or memory card
- Backup storage on internal IC

