

Ultrasonic Water Meter

Powered by battery, this meter provides continuous operation for over 6 years on a single cell. It offers low initial flowrate and high measuring accuracy, even at maximum flowrate over extended periods.



Product Overview

High-Precision Ultrasonic Measurement

This advanced ultrasonic water meter is engineered for long-term reliability, offering over 6 years of continuous operation on a single battery. It features high measuring accuracy and an exceptional ability to handle low initial flow rates while maintaining performance at maximum capacity. Designed for durability, the unit is protected against harsh environments with an IP68 rating, making it ideal for municipal and industrial water management systems.

Technical Specifications

Protection Class
IP68

Measured Fluids | Water, sewage, and other homogenous fluids

Accuracy Class | Class I, Class II

Pipe Size Range | DN15 to DN300

Max Pressure-bearing Capacity | 1.6 MPa

Operational Features



Digital display showing real-time flow rate and total volume metrics.

Display Metrics

- Instantaneous flow rate (m³/h)
- Total volume (m³)
- Total effective running time (h)
- Calendar and Time (Date/Time)

Data Memory | Total volume and time data stored for 100 years post power failure

Output Signals | RS-485

Environmental Conditions

Temperature Range

-10

Min Operating Temp

45

Max Operating Temp

Electromagnetic Compatibility

Class E2