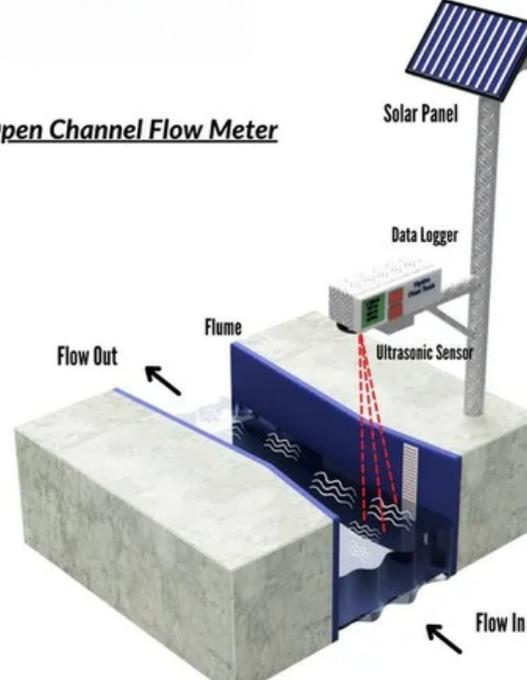


Get Started Today!

Transform your flow measurement practices with our state-of-the-art Open Channel Flow Measurement System. For more information, technical support, or a custom quote, contact us:

Open Channel Flow Meter



Open Channel Flow Measurement System

Accurate, Reliable, and Efficient Flow Measurement Solutions Using Ultrasonic Technology



Open Channel Flow Measurement System
Precision Meets Reliability
Elevate Your Flow Management

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Overview

The Open Channel Flow Measurement System is designed for precise monitoring and management of water flow in open channels. Utilizing advanced ultrasonic sensors paired with V-notch weirs, our system enables dependable flow measurement in various applications, including irrigation, wastewater treatment, and environmental monitoring.

Benefits

- Enhanced Accuracy:
 - Combines the reliability of ultrasonic technology with the proven effectiveness of V-notch weirs for highly accurate flow measurements.
- Cost-Effective:
 - Reduces operational costs by minimizing maintenance needs and extending sensor life.
- Environmental Compliance:
 - Helps organizations meet regulatory standards for water quality and discharge.
- Data Logging and Analysis:
 - Built-in data logging capabilities for comprehensive flow analysis and reporting.

Key Features

- Ultrasonic Sensors:
 - Non-contact measurement technology ensures minimal maintenance and high accuracy.
 - Capable of providing real-time data with exceptional resolution.
- V-Notch Weirs:
 - Engineered for optimal flow conditions, increasing accuracy in low-flow applications.
 - Durable construction ensures longevity in various environmental conditions.
- User-Friendly Interface:
 - Intuitive software for easy setup, calibration, and data analysis.
 - Remote monitoring capabilities for enhanced accessibility.
- Versatile Applications:
 - Ideal for various open channel applications, including rivers, streams, and drainage systems.
 - Supports a wide range of environmental conditions and flow ranges.

Technical Specifications

- Measurement Range: 15 cm to 200 cm
- Accuracy: $\pm 2\%$
- V-notch Weir: 90-degree
- Weir Material: Stainless Steel
- Power Supply: 12 Vdc (Battery Operated) / 230 Vac (Grid Operated)
- Communication Protocols: RS485, GPRS

