Model SULN-200 Ultrasonic Open Channel Flow Meter

Instrument Application

The SULN-200 ultrasonic open-channel flowmeter is used in conjunction with a weir flume. It is mainly suitable for flow measurement in rivers, irrigation canals, factory drains and urban sewage drainage ditches under free-flow conditions. During operation, the sensor does not come into contact with the measured fluid, preventing contamination and corrosion by sewage in the channel. When applied to sewage flow measurement, this instrument delivers higher reliability compared with other types of meters.

Adopting ultrasonic measurement technology, microcomputer processing and large-screen digital display, the flowmeter can be installed for automatic metering in relatively harsh environments. The adoption of oscilloscope technology endows the instrument with high reliability and strong anti-interference capability. It features convenient installation and maintenance as well as straightforward reading.Widely used for sewage discharge metering in the petroleum, chemical, textile and pharmaceutical industries, it serves as one of the primary instruments for urban pollution prevention and environmental authorities to monitor sewage discharge from enterprises and institutions. It is also a key device for water conservancy departments to measure agricultural irrigation drainage flow.

Technical Parameters

Flow Range	0～10 m^3/s (determined by the type and specification of the matched weir flume)
Total Flow	12-digit decimal number, auto-reset to zero after overflow
Flow Accuracy	1.5%
Measurement Range	0.4 m ～ 2 m
Ranging Accuracy	0.25%
Liquid Level Resolution	1 mm
Operating Ambient Temperature	-20～55℃
Instrument Protection Class	IP65
Power Supply	AC 220V ±10%, 6W
Overall Dimensions	Length × Width × Height: 270 × 192 × 80 mm


SULN-200




SULN-200
2026 07-25 10:26:58
流量：0002.8210 L/S
2025 12-24 09:46→
总计：0000014173.243m³
液位：0.1385m
52%
本仪器三芯插头必须可靠接地！！！
接好探头线才能上电！！！
SULN-200 ULTRASONIC FLOWMETER


污水排放口
单位名称
编 号
污染物种类
国家生态环境部监制
工业污水出水