

Ultrasonic Flow Meter for Industrial Fluid Measurement

This meter provides high measuring accuracy and reliability, along with anti-interference capabilities. It is adaptable to different flow regimes and suitable for applications in oil, chemical, metallurgical, power, and water supply and drainage sectors.



Product Overview

Industrial Precision Flow Monitoring

This advanced ultrasonic flow meter provides reliable, high-precision measurement for water, wastewater, and other homogeneous fluids. Designed for fully charged conduits, it supports multiple mounting configurations including inserted, pipe-section, and clamp-on styles to suit diverse industrial requirements. With robust stainless steel transducer construction and high-temperature adaptability, it offers durable performance in challenging environments.

Performance Metrics

Operational Capabilities

12 m/s

Max Flow Velocity

130 °C

Max Fluid Temp

3 m

Max Immersion Depth

Technical Specifications

Model Comparison Matrix

Feature	SCL-80 (Inserted)	SCL-81 (Pipe-section)	SCL-82 (Clamp-on)
Pipe Size	DN80~DN1800	DN300~DN600	DN80~DN1800
Accuracy Class	0.5, 1.0	0.5, 1.0	1.0, 1.5
Pressure Limit	d1.0MPa	d1.0MPa	No limit

Compatible Pipe Materials

Steel, Cast Iron, Cement, PE, PVC

Environmental Data

Conversion Unit Environment

- Temperature: -10°C to +45°C
- Relative Humidity: d85% RH