

Data Collection

Flowlink® Data Analysis

Teledyne ISCO Flowlink® software is a powerful tool for analyzing flow and water quality data. It provides site setup and data retrieval/analysis, as well as advanced reporting and graphing. Flowlink software also gives you the ability to generate site data graphing and reports.

Remote Communication

Remote communication options allow meter configuration and data/report retrieval from remote locations. They also enable the transfer of data to a dedicated server running Flowlink Pro software.

USB Connectivity

With a USB flash drive attached, you can quickly update firmware in the Signature flowmeter and connected TIENet® devices, and download data files for use with Flowlink software. In addition, the USB port provides direct serial connection with a computer running Flowlink software.

Data Integrity

Data Integrity is ensured by logging event data types that can be verified, thereby producing confidence with verifiable data including; Summary, Diagnostic, Program, History and Verify Report files.

Signature Flow Meter

Size (HxWxD):	8.88 x 12.22 x 8.22 in (with mounting bracket) 16.74 x 13.58 x 10.48 in (with stand)
Materials:	PPO Polyphenylene Oxide
Enclosure:	IP66 (self-certified)
Power Required:	100 to 240 VAC 50/60 Hz 12V DC, Lead Acid Battery 12V DC (current consumption varies depending upon configuration)
Cable Entry:	Standard: ¾" NPT conduit Optional: ¾" NPT cord grips
Flow Measurement Technologies:	Ultrasonic (TIENet 310) Bubbler (TIENet 330) Area Velocity (TIENet 350, 360)
Inputs:	Two SDI-12, Two MODBUS ASCII/RTU, pH Measurement (TIENet 301) Analog In (TIENet 307), Rain In
Setup:	Front Panel Keypad-Flowlink Software with serial USB, remote cellular, or Ethernet
Flow Conversions:	Area Velocity, Weir, Flume, British Flume, Metering Insert, Manning Formula, Equation, Level to Flow Data, Points, Level to Area Data Points
Data Storage:	Non-volatile flash; retains stored data during program updates. Capacity: 8M Interval: 15 or 30 seconds; 1, 2, 5, 15, or 30 minutes; or 1, 2, 4, 12, or 24 hours Capacity: 180 days with 5 parameters logged at 1 minute intervals, reports once per day
Data Retrieval:	USB drive, Flowlink Software—with serial USB, remote cellular, or Ethernet
Outputs:	MODBUS ASCII/RTU, Analog (TIENet 308), Contact Output (TIENet 304), SMS Alarm
Sampler Interface:	TIENet 306

Input Options

- Multiple simultaneous flow technologies
- pH and temperature
- SDI-12
- RS-485 Modbus
- Rain gauge
- Analog (optional TIENet® 307 card)

Output Options

- RS-485 Modbus
- Analog (optional TIENet® 308 card)
- Contact (optional TIENet® 304 card)

Available Measurement Technologies

- Bubbler and Ultrasonic
- Non-Contact Laser Velocity
- Continuous Wave Area Velocity

REPRESENTED BY:

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