

Sigma Model 950 Series Area Velocity Flow Meter

The Sigma Model 950 Series Flow Meter offers maximum flexibility for multiple applications.



The Sigma Model 950 Series Permanent/Portable Open Channel Flow Meters provide portable and/or permanent single-channel monitoring plus water quality testing, process control interface, and digital display. (Sensors sold separately.)

Versatility and Customization

The Sigma 950 series are the meters of choice by flow professionals, consultants, and municipalities. Choose from any of the following technologies to fit your application.

- Use the Submerged Area/Velocity flow meter to measure flow in collections systems for periods up to 40 days using our 6 amp-hr gel electrolyte battery
- Use any of our depth technologies when primary devices (Weirs and Flumes) are available to measure depth and calculate flow
- The bubbler depth technology is ideal for applications with high winds, high temperature or when foam is present
- The combination of bubbler depth technology and doppler velocity is the favorite of storm water professionals
- The ultrasonic depth technology is ideal to monitor industrial dischargers for your pre-treatment program in combination of any of our Automatic Wastewater samplers



The 950 Flow and Quality Meter logs flow, depth, pH, temperature, dissolved oxygen, and conductivity.

Sampler Pacing and Equipment Control

The 950 Flow Meter is the perfect choice to do flow pacing sampling with portable samplers. Control samplers, pumps, or other equipment based on monitored flow or selected parameter(s). Sampler pacing provides the ability to document overflow problems.

Note: Hach Data Management software is required to program this Flow Meter. See page 491 for details.

Ideal for:

- Long Term or Permanent Flow Studies
- Sanitary Sewer Evaluation Studies
- CSO Studies and Monitoring
- NPDES Stormwater Compliance
- Industrial Compliance Monitoring

Battery life for our depth technologies greatly depend on logging intervals and environmental conditions. Contact us to determine the battery life for your application. Other power options are available, such as AC power converters and Solar Panels.

Hach Sigma 950 Factory Installed Options:

- Integral pH-Temperature/ORP Meter
- Integral Dissolved Oxygen/Temperature Meter
- Integral Conductivity/Temperature Meter
- Rain Gauge Input
- Analog Input Data-logging Channels
- 4 - 20 mA Outputs
- Mechanical Totalizer
- Alarm Relays
- Modem
- Expanded Memory
- AC Power Backup



With solar power and radio communications, these 950AVs monitor three billing sites.



The 950AV provides maximum versatility with the choice of three depth measurement technologies and velocity. OptiFlo-AV offers all three in one meter.