

## WE OFFER

- Standard Chemical Feed Systems
- Controls / Controllers
- Metering Pumps
- Custom Engineered Systems
- On-Site Oxidant Generation
- Polymer Feed Systems
- Chemical Storage & Accessories
- Booster Skids
- Performance Monitoring Tools
- Transfer Pumps
- Level Monitoring
- Web Based Remote Monitoring
- Instrumentation
- Flow Measurement
- Innovative Accessories

## SPECIALIZED SERVICES

- System Installations
- Start Up & Commissioning
- Contract Maintenance
- Emergency Repairs
- Plant Audits / System Surveys
- Pump/ Accessory Repairs
- Equipment Pool Management
- Equipment Rentals
- Controller Maintenance & Repair

## MARKETS SERVED

- Industrial
- Municipal
- Commercial
- Recreational

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# Flowline Instruments



- ◆ Level Transmitters
- ◆ Level Switches
- ◆ Echo Pod Sensors
- ◆ Displays & Controllers
- ◆ Leak Detection
- ◆ Flow Switches
- ◆ Mounting Fittings
- ◆ Parts & Accessories
- ◆ Rapid Delivery



Flowline's core technology is non-contact ultrasonic level measurement. This highly versatile and reliable technology is ideal for a wide range of liquid applications including those with chemicals, oil, water and wastewater. The sensor emits four high frequency sound pulses per second from the base of the transducer.

Each pulse travels through the air gap, reflects off the liquid surface and returns to the transducer where its received. The temperature compensated sensor calculates the time interval from pulse transmission to receipt, and translates this into a distance measurement based upon the speed of sound.

Non-contact ultrasonic level technology functions well in harsh environments, requires little or no maintenance and provides better reliability and accuracy than contact level devices which often suffer from prolonged liquid contact.

Flowline ultrasonic sensors are packaged in advanced thermoplastics for the highest corrosion resistance.

Flowline sensors feature a patented, auto-adaptive Digital Signal Processing technology that delivers accurate and reliable ultrasonic level measurement from 1m-10m. This digital imaging technology creates a living map of your tank process and continuously optimizes:

- Sensor power
- Fail-safe diagnostics
- Signal output filtering
- Environmental noise rejection
- Obstacle recognition and rejection

Our award-winning on-site generation technology is safely disinfecting more than 6.5 billion gallons of water per day, serving millions of people worldwide.