



SIEMENS

Ingenuity for life

Reliable service you can count on, for your SITRANS Ultrasonic Clamp-On Flowmeters.

Siemens offers a comprehensive service package ideally suited to meet your needs.

Siemens is a world-wide leader in process instrumentation. Let our highly trained Siemens field service engineer ease your burden with our various services available. When a member of the Siemens team visits your site you can be sure your ultrasonic flow instrumentation is performing to your expectations.

Services offered including, but not limited to:

- Start-up assistance
- Flow surveys
- Site surveys
- Application review

- Hands-on training
- Flowmeter verification
- Equipment rentals
- On-site emergency service
- Troubleshooting/repair service
- Periodic calibration (maintenance)

Start-up Assistance

Siemens field service engineers are available for start-up on new or existing equipment and offers a full range of services to ensure your instrumentation runs smoothly.

While on site our factory trained service specialist will:

- Survey the application to ensure a good installation
- Install the flow sensors on the line
- Program and commission the flowmeter
- Provide training to assist plant personnel's ability to perform preventive maintenance that may arise

- Prepare calibration/performance certificate

Flow/Site Surveys and Equipment Rentals

Siemens offers various field services including both Flow and Site surveys. We have the ability to take flow measurements on various liquids and gases without process shut down. Siemens field service engineers are available to assist in determining the suitability of Ultrasonic Clamp On Flowmeters for your application and the proper combination of transducer and transmitter to meet your application and budget.

By having both a trained Siemens service engineer as well as Siemens industry leading instrumentation you will be able to have your flow requirements surveyed and quickly and economically determine:



- The suitability of your application and installation for the Siemens' Ultrasonic Clamp On Flow Meter
- Which combination of transducer and transmitter best fits your application based on:
 - ✓ Pipe size and material
 - ✓ Flow conditions
 - ✓ Process Medium
 - ✓ Performance levels required

- If an Ultrasonic Clamp On flowmeter is not the right choice, can Siemens offer you an alternate flow technology

Whether you want to verify an existing flowmeter or simply conduct a survey on lines not presently being measured, Siemens field engineers are ready with a fleet of equipment to do the job.

While we recommend the use of Siemens' trained service technicians to get the best results from your site survey we recognize that in some cases the best alternative is to perform the survey yourself. That is why we also offer the ability to rent Siemens Ultrasonic flow meters as an alternative. With rental periods from 1 week to 6 months, or longer, you can get a flowmeter suited for your application, whether that is liquid, gas or hydrocarbon, that will be provided with the proper combination of transducer and transmitter for the application you specify. And by renting one of our portable meters you can take readings at multiple locations and download that information for your records. And since the meters come from Siemens you don't have to worry if they are the

right combination for your application or if the meter provided is performing at the highest possible levels. Siemens takes care of all of that before we send the meter to you. In short you get a lower price and higher levels of performance and reliability than you might have from a unit that you purchased and only bring out occasionally, without knowing if it is performing properly when you need it.

Maintenance Programs

We design our maintenance programs to your needs, creating a comprehensive analysis of your operation. We will define the timeframe, specify the scope and the rates for services to be delivered.

While conducting maintenance service, our factory trained service specialist will:

- Inspect the installation for any changes in the application that may affect the operation of the meter.
- Perform calibrations
- Provide training to assist plant personnel's ability to perform preventive maintenance
- Download full system diagnostics
- Prepare calibration/performance certification

On-Site Training

On-site training is excellent for large groups or when individual, one-on-one instruction is needed. Siemens trainers are available for site visits which can be combined with a scheduled field service call or upon request. When the trainer visits your facility, product training will be

conducted on your specific application(s). The trainer will inspect the product installation, application, and parameter settings. Classroom lectures, questions and answers, and troubleshooting techniques specific to your installation are covered in detail during the training session.

Unique features of the SITRANS Ultrasonic clamp-on maintenance service:

- Maintenance Contracts
- Site Evaluation / Product Selection
- On site calibration verification
- Application engineering
- Train customer operators and staff
- On site repair
- Multiple support centers nationwide

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<http://support.automation.siemens.com>

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