



# ULTRA FLOWMETER

## Ultrasonic clamp on flowmeter


### FEATURES

- Various pipe sizes: DN15-DN6000
- Non invasive, no break in pipe
- Highly reliable & accurate measurements
- Noise rejection
- Built in data logger
- Clamp-on transducers not in contact with process liquid
- Easy operation
- No ancillary equipment


### TECHNICAL

- Accuracy > 1%
- Repeatability > 0.2%
- Signal output: RS485
- Measuring accuracy > ±1%
- Linearity > 0.5%
- Operating power: AC 85-264V  
DC 8-36VDC
- LCD Display
- Operating keypad
- Automatic memory (512days,  
128 months, 10 years)
- Rating IP68

### CONTACT

 31 Kersieboom Crescent  
Zwartkop, Centurion  
South Africa

 [www.sse.co.za](http://www.sse.co.za)

 [sales@sse.co.za](mailto:sales@sse.co.za)  
[orders@sse.co.za](mailto:orders@sse.co.za)

 +27 12 663 4331

### INDUSTRIES

- Oil & gas
- Water & wastewater
- Power
- Chemical
- Food & beverage
- Pharmaceutical
- Metals & mining
- Pulp & paper



## Handheld ultrasonic flow meter

### INFORMATION

- Handheld ultrasonic flow meter
- Liquid measurement
- High accuracy
- Good consistency
- Battery powered
- Easy operation
- Easy to carry

### FEATURES

- Pipe size : DN15-DN6000 selectable via 3 sensors
- Pipe Material: Steel, stainless steel, cast steel, PVC, FRP etc.
- Applications : Water, sea water, sewerage, alcohol, various oils
- Interface: RS232 Interface
- Data Logger : > 2000 data

### TECHNICAL

- Linearity: 0.5%
- Accuracy:  $\pm 1\%$
- Repeatability: 0.2%
- Response time: 0-999 seconds, user configurable
- Velocity:  $0.01\pm 32\text{m/s}$
- Display: 4 Lines on-screen, display instant flow, velocity, cumulative flow, signal status, working hours etc.
- Power supply: 240VAC rechargeable NI-H internal batteries
- Operating time: Upto 10 hours
- Size: 220x92x32mm
- Weight: 538g with batteries

## Fixed ultrasonic flow meter

### INFORMATION

- Bi-directional measurement
- Automatic memory (64 days prior 64 months)
- Automatic memory (64 days before the working status of flow meter)
- Reduce flow loss
- Volume controller
- GPRS/GSM module for remote monitoring and control

### TECHNICAL

- Measuring principle: Transit time
- Accuracy:  $\pm 1.0\%$
- Repeatability: 0.2%
- Velocity:  $0.03\pm 32\text{m/s}$
- Measurement period: 0.5 seconds
- Display: LCD for flow, cumulative flow, velocity, time, etc.
- Keypad: 4x4-key membrane keypad with tactile feedback
- External alarm driver: Alarm signal can be transmitted to external alarm
- Interface: RS 232 serial port
- Power supply: 220VAC or 0~36VDC
- Power Consumption: <2W

### FEATURES

- Accuracy > 1%
- Repeatability: 0.2%
- Pipe size: DN15-DN6000
- Any uniform liquid
- Non-invasive

