

## Proline Prosonic Flow 93T ultrasonic flowmeter

The economical flowmeter for easy data transfer via USB stick without additional software



More information and current pricing:

[www.casc.endress.com/93TA1](http://www.casc.endress.com/93TA1)

### Benefits:

- Automatic frequency scan for maximum measuring performance
- Quick and secure installation – specially designed mounting kits
- No additional leakage paths – external measurement from outside the pipe
- Process transparency – diagnostic capability
- Temporary monitoring of measuring points – portable flowmeter with rechargeable battery and current output
- Verification of other flow devices – integrated data logger and current input
- Automatic recovery of data

### Specs at a glance

- **Max. measurement error** +/-2.0 %
- **Measuring range** 0...452'389 m<sup>3</sup>/h
- **Medium temperature range** DN 15...65 -40...+150°C (-40...+302°F) DN 50...300 -40...+170°C (-40...+338°F) DN 100...4000 -40...+80°C (-40...+176°F)
- **Max. process pressure** No limit

**Field of application:** The portable ultrasonic flowmeter Prosonic Flow 93T is designed for temporary monitoring and test measurements with clamp on sensors. It is operated independently of the mains power using a battery. The Prosonic Flow 93T is ideal for conducting verification measurements at existing flow metering points.

### Features and specifications

---

## Liquids

**Measuring principle**

Ultrasonic flow

---

**Product headline**

Portable volume flowmeter for measurement of liquid applications; from outside of the pipe with "Clamp On" sensors

---

**Sensor features**

Integrated USB data logging

---

**Nominal diameter range**

DN 15...65

- 1/2"...2 1/2" (-40...+100°C or -40...+150 °C)

DN 50...300

- 2"...12" -40...+80 °C or 0...+170 °C)

DN 100...4000

- 4"...160" (-40...+80 °C)

---

**Max. measurement error**

+/-2.0 %

---

**Measuring range**

0...452'389 m<sup>3</sup>/h

---

**Max. process pressure**

No limit

---

**Medium temperature range**

DN 15...65

-40...+150°C

(-40...+302°F)

DN 50...300

-40...+170°C

(-40...+338°F)

DN 100...4000

-40...+80°C

(-40...+176°F)

---

## Liquids

### Degree of protection

IP 40

---

### Display/Operation

Four line backlit  
touch control

---

### Outputs

Integrated data logger/site manager  
Easy data transfer via USB stick without additional software

---

### Inputs

4...20mA

---

### Digital communication

FXA 193

---

More information [www.casc.endress.com/93TA1](http://www.casc.endress.com/93TA1)