

# EESIFLO S-Series

## Clamp on flowmeter for small pipes



### Description:

The EESIFLO Series meters are specifically designed for use with small pipes carrying water or chemicals and other types of liquids. The system is completely non-intrusive and requires little knowledge of ultrasonics to set up successfully. The advantage of this system is increased accuracy due to certain parameters that have been fixed by the clamping fixture provided.

The system can measure three sizes of pipe sizes 1/2, 3/8 and 3/4 inch pipes. Measurements can be made in a couple of minutes. The standard configuration is a panel mount version but other versions are available upon request.

### Applications

- Water measurements
- Chemical Measurement
- Oil Measurements
- Small pipe flow rates
- DI Water
- Saline Solution flow measurement
- Special Applications (Consult Factory)

### Features

- Microprocessor controlled
- Programmable
- Easy to use

### Specifications:

**Model:** EESIFLO S-Series  
**Measurement Method:** Transit Time  
**Calculation Method:** Microprocessor based  
**Measurement Fluids:** Water and other types of liquids (special applications on request)  
**Measurement Accuracy:**  $\pm 2\%$  RD (1m/s-10m/s range)  
 Flow Velocity Resolution 5mm/s  
**Flow Velocity Range :** From 0-10 m/s  
**Housing Material:** Fibre Glass Resin. Temp Range -10 to 50°C (Display 0-50°C)  
**Power Requirements:** 12-30 VDC  
**Power Consumption:** 2.5 VA Max  
**Weight Approximately:** 330g

### Outputs

Current Output 4-20 mA (load resistance 450 Ohms or less)  
 Pulse Output (Open collector rating 30VDC,0.25A)  
 Alarm Output (Upper and lower limits can be set)

### Display

Backlit LCD (16 Characters 2 Lines)  
 Instantaneous Flow Rate, Flow Velocity and Totalised flow rate (selectable)

### Sensor Clamping Set

Material PTFE Sensors  
 Operating conditions 10 to 60 °C  
 Cable 5 metres as standard (10m available on request)