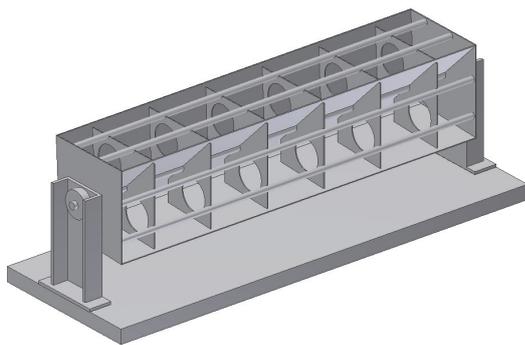


# TILTING BUCKET FLOW GAUGE

*EU patent pending*



AGISCO's tilting bucket type flow gauges are very effective in measuring slow flowing open drainage channels.

The system consists of a balanced twin tilting bucket which calculates the volume of flow from the number of times the reservoirs are filled and emptied.

This system offers a very accurate measurement as it is based on constant reading over time rather than occasional one.

The size and shape of the device and its full scale can be tailored to customer requirements.

The gauge can be made as simple or as complicated as the location and function requires; it can have any sort of shape: square, oblong, large or small.

Regardless it's dimensions this flow gauge will be much reduced in comparison with a standard calibrated tank system.

The buckets are made from hard wearing stainless steel mounted on water proofed ball bearings on a damped axle which ensures long lasting efficiency.

**FLOW**

For gauges with higher flowing capacity (> 5 litres per minute) the damping system is specifically designed to absorb the exceeding energy and prevent them from any maintenance, even considering the harsh environment these systems work in.

The bucket may be calibrated both in our laboratories or on site by means of small sliding stainless steel counterweights.

This will balance possible installation asymmetry.

*This system is EU patent pending (EP 2455726A1).*

## TECHNICAL SPECIFICATIONS

### WEIR FLOW GAUGE COUNTER

|                   |                                 |
|-------------------|---------------------------------|
| Material          | Stainless steel<br>AISI 304/316 |
| Digital output    | Magnetic Reed                   |
| Measurement range | 0,1 ÷ 100 litre/min and more    |
| Temperature       | -10° ÷ +60 °C                   |
| Protection level  | IP68                            |
|                   |                                 |

*Agisco reserve the right to change their products and specifications without notice*