

WEIR FLOW GAUGE



Weir flow gauges are used for flow measurements on free flowing channels or drainage channels on rivers and canals.

This particular tank-type gauge is very effective in measuring flowing open drainage channels.

The measuring system consists of a tank which has a mouth of varying geometric size (30°, 45°, or 60° "V", rectangular, etc.) and a level meter.

For instantaneous measurement of the flow

you require the dimensions and shape of the mouth and the water level upstream of the instrument.

To measure the water level one normally uses pressure or ultrasound transducers.

Because of the simplicity of the geometry of the tank mouth it is possible to tailor the instrument for any specific requirements.

TECHNICAL SPECIFICATIONS

WEIR FLOW GAUGE

Materials	Stainless steel AISI 304/316
Full scale	On request
ULTRASOUND SENSOR WITH ANALOGUE OUTPUT	
Material	Kynar Flex
Level of protection	IP 65
Temperature range	0° ÷ +60 °C
Measuring range	0,25 ÷ 5 m
Linearity	< 0,2%
Repeatability	± 0,3%
Output	4 ÷ 20 mA
Accuracy	0,25 % F.S.
Supply	18 ÷ 30 V dc

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

AGISCO s.r.l.

Via G. Galilei, 16 20066 Melzo (MI) Italia

Tel. +39 02 9587690

www.agisco.it - agisco@agisco.it