

# Stainless steel turbine flowmeter

## SERIE CLSS

Electronic flow meter, battery operated, with axial turbine, series STAINLESS STEEL



### • Description

High quality and accuracy instruments with a body completely made in 304 stainless steel, PVDF conveyors and ceramic turbine support, highly resistant to wear.

Mainly suitable for low viscosity fluids, they can achieve excellent performance on mid-flow rate thanks to the axial turbine made in stainless steel. Easy to install, in line or at the pipe ends, they are equipped with a large LCD screen for a quick and easy reading in real time. With two 1,5 V batteries AA size, readily available, minimum life is guaranteed for 1000 working hours. The hard PVC shell and the S.S. case closure make them IP65 seal. They are easy to calibrate and adjustable by changing the constant value called "K" factor. It is possible to reset the counter after each step for a simple and intuitive reading of different uses; they also have a flow meter function which allows, by a simple step, to check the pump flow rate in real time, in litres per minute.

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## Technical specifications

	CL 10 SS	CL 15 SS	CL 21 SS	CL 25 SS	CL 30 SS
DN pipe	3/4"	1"	1" 1/2	2"	2 3/4"
Process connection	1" M gas	1" 1/4 M gas	1" 1/2 M gas	2" M gas	3" M gas
NOM. flow rate	35 l/min	50 l/min	175 l/min	375 l/min	750 l/min
MIN. flow rate	7 l/min	10 l/min	35 l/min	75 l/min	150 l/min
MAX. flow rate	70 l/min	100 l/min	350 l/min	750 l/min	1.500 l/min
Resolution	0.1 l.	0.1/1 l.	1 l.	1 l.	1 l.
Accuracy	± 1%	± 1%	± 1%	± 1%	± 1%
Repeatability	± 0,5%	± 0,5%	± 0,5%	± 0,5%	± 0,5%
Max pressure	16 bar	16 bar	16 bar	16 bar	16 bar
Operating Temperature	10 ÷ 90°C *	10 ÷ 90°C *	10 ÷ 90°C *	10 ÷ 90°C *	10 ÷ 90°C *
LCD Display	LCD 6 digits, h. 13mm.	LCD 6 digits, h. 13mm.	LCD 6 digits, h. 13mm.	LCD 6 digits, h. 13mm.	LCD 6 digits, h. 13mm.
Power supply	2 batteries 1.5V, AA**	2 batteries 1.5V, AA**	2 batteries 1.5V, AA**	2 batteries 1.5V, AA**	2 batteries 1.5V, AA**
Dimensions (mm.)	Ø 33 x 80	Ø 42 x 12	Ø 48 x 135	Ø 60 x 175	Ø 88 x 264
Weight	Kg. 1	Kg. 1,5	Kg. 1,4	Kg. 2	Kg. 5

\* no thermal shock

\*\* minimum working time: 1.000 hours

## ● Applications

- Water
- Fluids with low viscosity (e.g. wine)
- Special calibrations also for vegetable oil at 15°C or 20°C
- Chemical fluids

## ● Main features

- Possibility to reset the total after each passage
- Flow meter function
- IP 65 seal
- Powered by 2 batteries 1,5V size AA
- Standard connection threads BSP MALE
- Accuracy: best 1% on mid-flow rate