

Portable ultrasonic flowmeter

SHEINGDA
Fluid technology

INTRODUCTION:

Portable ultrasonic flowmeter realizes the non-contact measurement of the liquid flow. The sensor is installed on the outer wall of the pipeline to complete the flow measurement. Convenient and accurate, built-in printer and SD card memory, can print the set measurement value instantly or regularly.

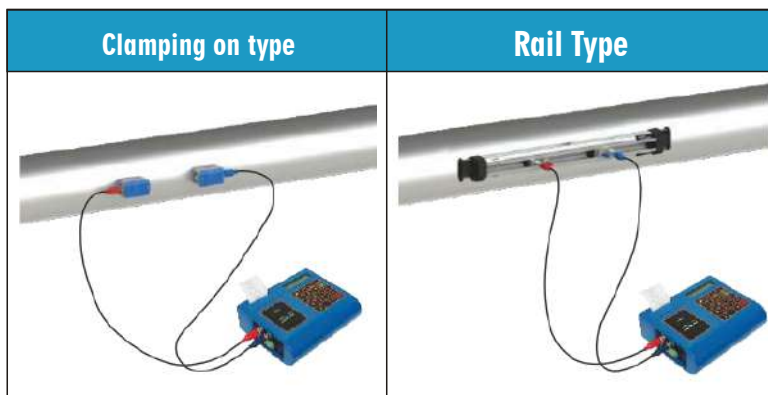


FUNCTION:

1. Measure instantaneous flow. Measure the cumulative flow.
2. Measure the flow rate. Measure the energy.
3. Two way measurement system, forward total amount, reverse total amount and difference total amount, can display positive and reverse flow.

FEATURES:

1. Adopt non-contact measurement method. Wide measuring range
2. There are no moving mechanical parts, and it is not affected by system pressure and harsh environment.
3. Very wide application. Large screen LCD display, small size, light weight
4. Convenient to carry, equipped with aluminum alloy protective box, waterproof, dustproof and shockproof.
5. Built in data recorder and rechargeable battery.
6. Fault self diagnosis function, no data loss after power failure.



APPLICATION:

- ✓ Water, pure water, seawater,
- ✓ Sewage, river water.
- ✓ Chemical liquids, fuel oil and other fluids.
- ✓ Central heating,
- ✓ Water conservancy
- ✓ Metallurgy
- ✓ Energy consumption in refrigeration
- ✓ Heating, heat exchangers
- ✓ Boilers and other industries.

SPARE PARTS:



Printer



LED display

Support Chinese English, france and Italy













Connection

Signal Output: 4-20mA
Signal input: 4-20mA
Communication: RS485



SD card data memory

TRANSDUCERS USED FOR DIFFERENT PIPE SIZE:

Types	Picture	Size	Model	Measuring range	Temperature
Standard		Small	TS-2	DN15~DN100	-30~90°C
		Medium	TM-1	DN50 ~DN700	-30~90°C
		Large	TL-1	DN300~DN6000	-30~90°C
High Temp		Small	TS-2-HT	DN15~DN100	-30~160°C
		Medium	TM-1-HT	DN50 ~DN700	-30~160°C
		Large	TL-1-HT	DN300~DN6000	-30~160°C
Rail type		Small	HS	DN15~DN100	-30~90°C
		Medium	HM	DN50~DN300	-30 ~90°C
		Large	EB-1	DN300~DN700	-30~90°C
Rail type with high temp		Small	HS-HT	DN15~DN100	-30~160°C
		Medium	HM-HT	DN50~DN300	-30 ~160°C
		Large	EB-1-HT	DN300~DN700	-30~160°C

SPECIFICATION:

Category	Portable ultrasonic flowmeter
Accuracy	flow $\pm 1\%$, heat $\pm 2\%$
Tube diameter	DN15-DN6000
Flow rate	0- ± 10 m/s
Measuring medium temperature	-30-160°C
Turbidity	10000ppm, and the bubble content is small
Applicable pipes	Steel, stainless steel, copper, PVC, aluminum, fiberglass and other pipes. Lining is allowed.
Signal Output Signal input	1 way 4~20mA output
	1 way OCT output
	1 circuit relay output
	3 way 4~20mA input
	2 way temperature measure
Data interface	RS485
Communication protocol	MODBUS,M-BUS,HART,ETC
Display	LCD display
Keyboard	16+2 Touch keyboard
Data record	Thermal printer External SD card
Power supply	Rechargeable NI-MH batteries 2000mAH

PLEASE CONTACT US FOR MORE INFORMATION AND SOLUTIONS. ➔

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