



TUF Series Ultrasonic Flowmeter (Handheld Type)

Product Introduction

The handheld ultrasonic flowmeter has the features of small size and light weight. It is a truly portable ultrasonic flowmeter. It has automatic data storage, high measurement accuracy, and flexible operation.

It has been exported to Japan, South Korea, Europe, America, and the Middle East, and has been well received by customers at home and abroad.

It is widely used in environmental protection, petrochemical, metallurgy, papermaking, food, pharmaceutical, and other industries.





Parameters

Linearity	0.005
Repeatability	0.002
Accuracy	±1% R, flow velocity large than 0.2m/s
Diameter	DN15-DN6000mm , velocity ±32 m/s
Medium	Water, seawater, industrial sewage, acid and alkali solution, alcohol, beer, etc.
Power Supply	3 AAA built-in Ni-H batteries; 100V-240V AC for the charger
Power Consumption	6W
Communication	RS232-C baud-rate: from 75 to 57600; Support MODBUS protocol, HART (Optional)
Data Logger	Built-in data logger can store over 2000 lines of data.
Totalizer	7-digit totals for net , positive and negative flow respectively
Transducer Cord Length	Standard 5m x 2; Optional 10m x 2



Kaifeng Best Instrument Co., Ltd.

Address: No.5 Shenzhen Avenue, Xiangfu District, Kaifeng
<https://thebestmeter.com>

Flow transducer	Picture	Model	Measuring range	Temperature
Clamp on		TS-2 (small)	DN25-100	-30~90°C
		TM-1 (medium)	DN50-700	
		TL-1 (large)	DN300-6000	
High temp. Clamp on		TS-2-HT (small)	DN25-100	-30~160°C
		TM-1-HT (medium)	DN50-700	
		TL-1-HT (large)	DN300-6000	
Insertion		TC-1 (standard)	DN50-6000	-30~160°C
		TC-2 (extended)		
		TP-1 (parallel)	DN80-6000	
Inline		Standard	DN15-1000	-30~160°C

Features

- Non-contact measurement mode, small size, light weight, easy to carry.
- The sensor is easy to install and suitable for measuring sound guiding medium of various sizes of pipelines.
- No need to damage the pipeline and stop production during the measurement process.
- Built-in rechargeable battery, which can work continuously for more than 12 hours.
- Automatic memory of accumulated flow in the first 64 days, the first 6 months and the first 5 years.
- Backlit LCD full Chinese display instantaneous flow and positive, negative, static integrated flow, flow rate, time, analog input and other data.