

Handheld Ultrasonic Flow Meter



- DN20-DN6000mm
- Wide range of measurement
- A variety of liquid applications
- Single uniform liquid such as tap water, sea water, beer, oil, etc.





New High-tech
Enterprise



CE



ISO

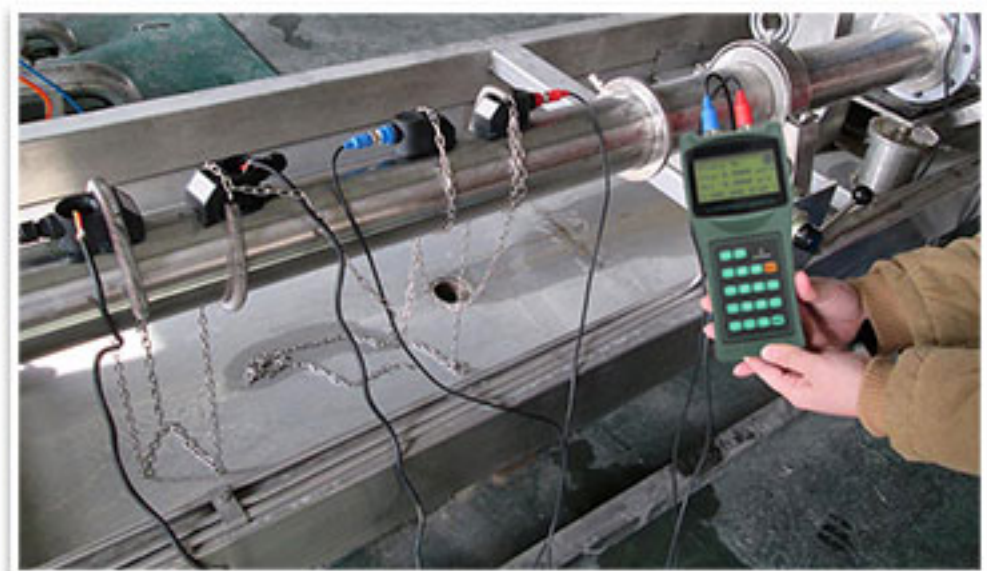
CASE

The meter can measure a variety of conditions



Handheld Ultrasonic Flowmeter

Compact and Portable, Economical and Practical, can be used for pipeline monitoring, pipeline inspection, easy to carry.



Easy to use, non-intrusive technology, no need to cut pipe, compatible with many material pipe, suitable for many kinds of pipe.

Accurately Measured

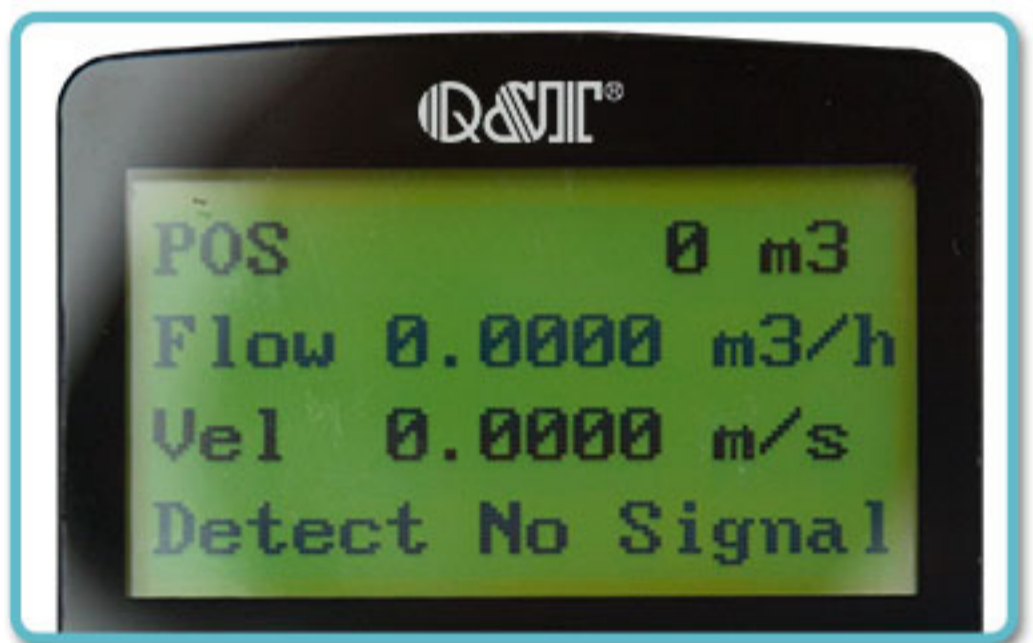
PRODUCT DETAILS

Upgraded Appearance



1 HD LCD Display

Display accumulated flow, instantaneous flow, flow velocity, working status, build-in data storage.



Delicate Button Cover

2

Exquisite diaphragm button Response quickly, good keyboard tactile, long working life.



3

High Quality Aerial Plug

Transducer Interface, fast connection, easy operation.



4

Standard RS232 Communication Interface

Support host computer communication transmission, charging equipment.



PRODUCT PACKAGING

Ultrasonic flowmeter host



External clamp sensor



Couplant



Connection cable (Downstream)



Charger



Tape



Connection cable (Upstream)



RS232 cable



PACKED IN ALUMINUM CASES, EASY TO CARRY.

**You can go anywhere
you want!**

SPECIFICATIONS








Linearity	0.5%
Repeatability	0.2%
Accuracy	±1% of reading at rates >0.2 mps
Response Time	0-999 seconds, user-configurable
Velocity	±32 m/s
Pipe Size	DN20mm-6000mm
Rate Units	Meter, Feet, Cubic Meter, Liter, Cubic Feet, USA Gallon, Imperial Gallon, Oil Barrel, USA Liquid Barrel, Imperial Liquid Barrel, Million USA Gallons. Users configurable
Totalizer	7-digit totals for net, positive and negative flow respectively
Liquid Types	Virtually all liquids
Security	Setup values Modification Lockout. Access code needs unlocking
Display	4x8 Chinese characters or 4x16 English letters
Communication Interface	RS-232C, baud-rate: from 75 to 57600. Protocol made by the manufacturer and compatible with that of the FUJI ultrasonic flow meter. User protocols can be made on enquiry.
Transducers	Model M1 for standard, other 3 models for optional
Transducer Cord Length	Standard 2x5 meters, optional 2x 10 meters
Power Supply	3 AAA Ni-H built-in batteries. When fully recharged it will last over 10 hours of operation. 100V-240VAC for the charger
Data Logger	Built-in data logger can store over 2000 lines of data
Manual Totalizer	7-digit press-key-to-go totalizer for calibration
Housing Material	ABS
Case Size	100x66x20mm
Handset Weight	514g (1.2 lbs) with batteries

Ultrasonic Flowmeter Selection

NO.1


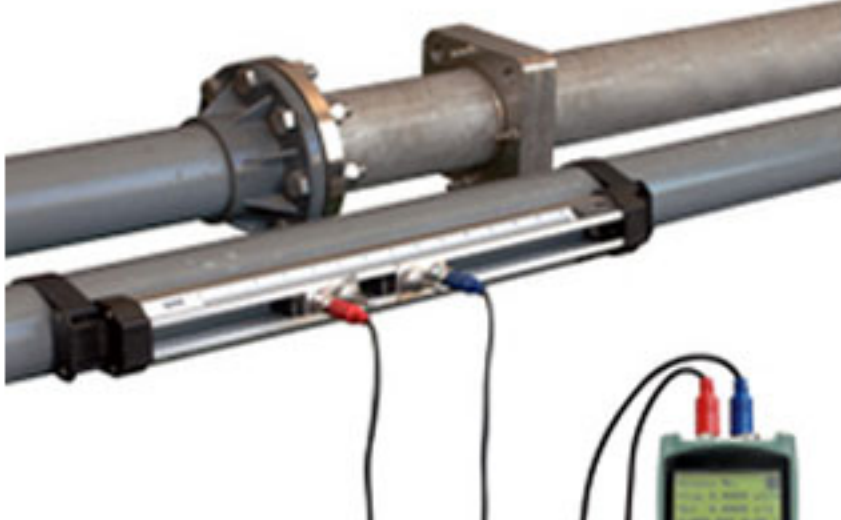
Transducer Selection

(Generally according to the need to measure the pipeline to choose)

Type	Picture	Specification	Measuring range	Temperature range
Clamp on type		Small-size	DN20mm~DN100mm	-30°~90℃
		Middle-size	DN50mm~DN700mm	-30°~90℃
		Large-size	DN300mm~DN6000mm	-30°~90℃
High temperature clamp on type		Small-size	DN20mm~DN100mm	-30°~160℃
		Middle-size	DN50mm~DN700mm	-30°~160℃
		Large-size	DN300mm~DN6000mm	-30°~160℃
Mounting bracket clamp on		Small-size	DN20mm~DN100mm	-30°~90℃
		Middle-size	DN50mm~DN300mm	-30°~90℃
		King-size	DN300mm~DN700mm	-30°~90℃

NO.2

Select Installation Methods

External clip mounting	Bracket mounting
	
Debug complex Not suitable for frequent testing	Simple debugging Suitable for frequent testing



compatible with many pipe materials

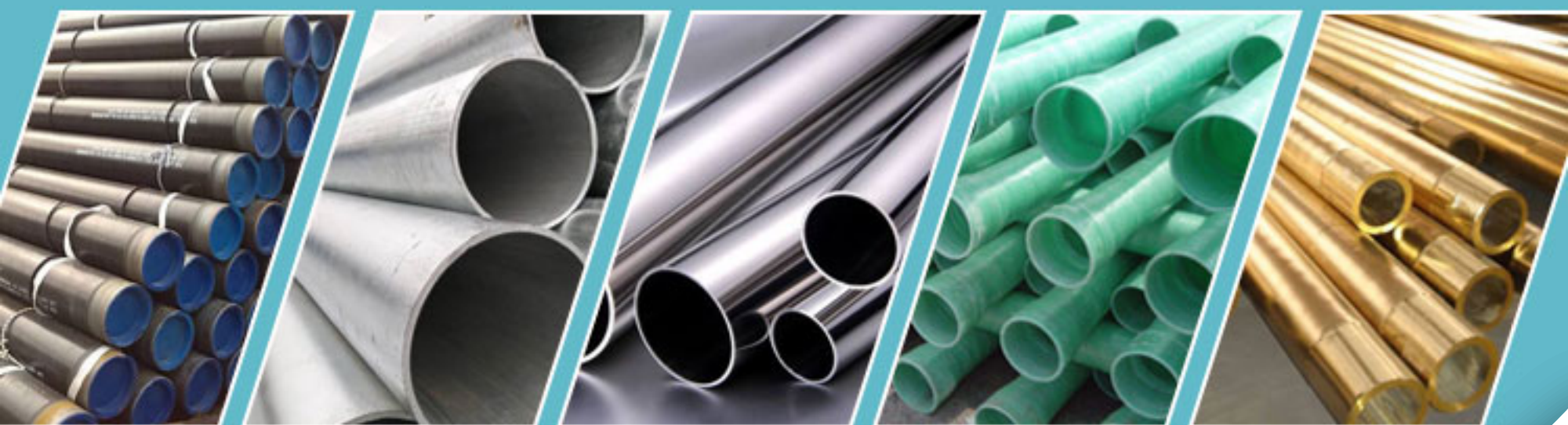
Carbon steel pipe

Galvanized pipe

Stainless steel pipe

FRP pipe

Copper pipe



Carbon steel, stainless steel, cast-iron, copper, aluminum, FRP and other uniform pipeline, liner is allowable.

Strict Flow Calibration



Adopt high-precision calibration equipment, professional EMC test equipment, regularly sent to the national quality institute for inspection, strict control production process.

Honor & Certificate

International Organization Certificates



ISO9001



International Trade Mark



CE



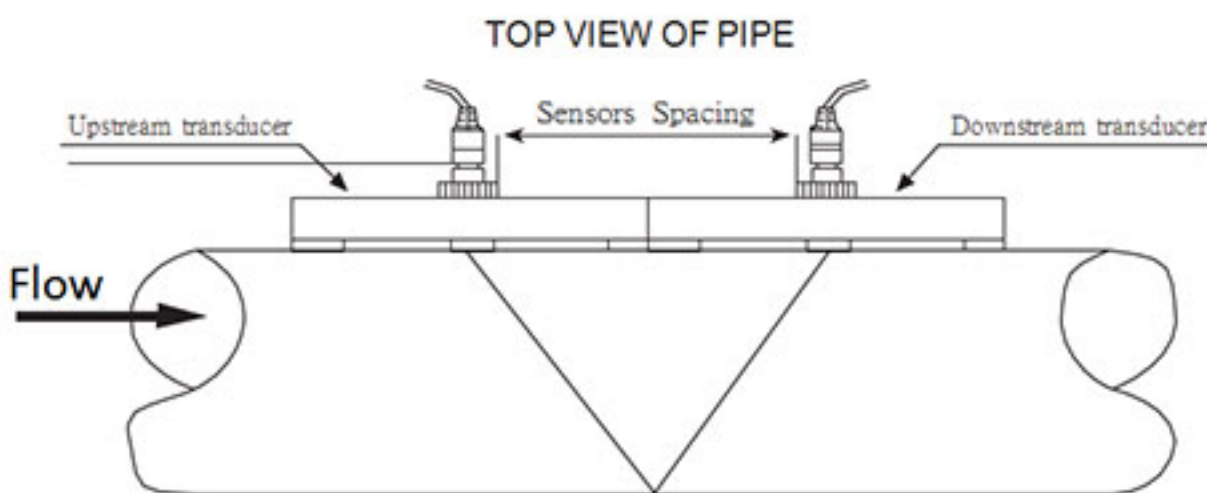
Patent Certificates



Transducers installation

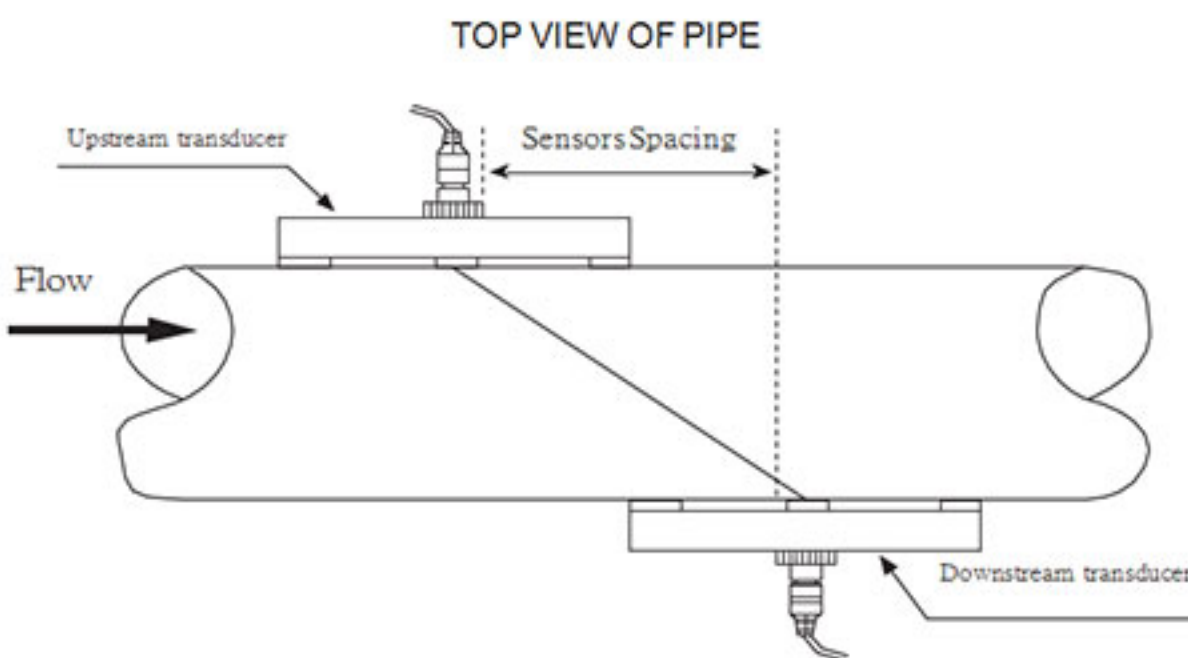
1. V-method Installation

V-method installation is the most widely used mode for daily measurement with pipe inner diameters ranging from 15 millimeter to 200 millimeter. It is also called reflective mode or method.



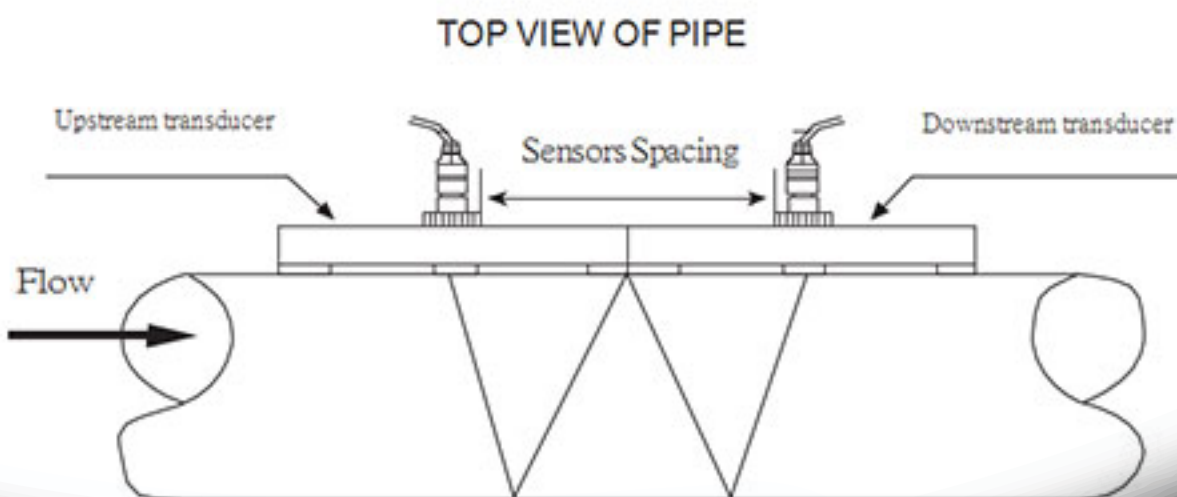
2. Z-method Installation

Z-method is commonly used when the pipe diameter is between 300 millimeters and 500 millimeters.



3. W-method Installation

W-method is usually used on plastic pipes with a diameter from 15 millimeters to 100 millimeters



Trade Show

Rich experiences in exhibition

