



FEATURES

- Wide measuring range. Several types transducer for selection.
- Large capacity battery:
Built-in rechargeable Ni-MH battery, provide over 12 hours of continuous operation

APPLICATIONS

- Water supply and drainage
- Heating
- Construction of Energy-saving
- Metallurgy
- Petrochemical

CONVERTOR

Principle	Transit-time ultrasonic flowmeter
Accuracy	Accuracy: $\pm 1\%$ Linearity: 0.5% Repeatability: 0.2%
Display	4 x 16 character LCD with backlight
Data Interface	Insulate RS232 serial interface, upgrade the flowmeter software by computer

PIPE INSTALLATION CONDITION

Pipe material	Steel, Stainless steel, Cast iron, Copper, Cement pipe, PVC, Aluminum, Glass steel product, liner is allowed
Pipe diameter	25...6000mm
Straight pipe	Transducer installation should be satisfied: upstream 10D, downstream 5D, 30D from the pump

MEASURING MEDIUM

Type of liquid	Single liquid can transmit sound wave such as: Water (hot water, chilled water, city water, sea water, waste water, etc.) Sewage with small particle content Oil (crude oil, lubricating oil, diesel oil, fuel oil, etc.) Chemicals (alcohol, etc.); Plant effluent Beverage: Ultra-pure liquids, etc.
Temperature	-30...160°C
Turbidity	No more than 10000 ppm and less bubble
Flowrate	0... ± 10 m/s

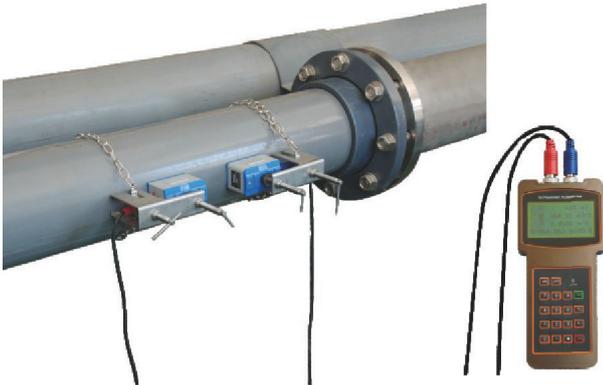
WORKING ENVIRONMENT

Temperature	Convertor: -20...60°C; Flow Transducer: -30...160°C
Humidity	Convertor: 85% RH; Flow Transducer: IP67

WORKING ENVIRONMENT

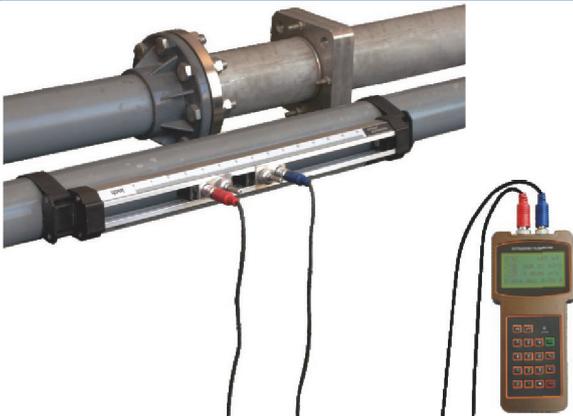
Power supply	3AAA built-in Ni-MH batteries 1.2V(for over 12 hours of operation). 90V-260V AC adapter
Power consumption	1.5W
Dimension	200 x 93 x 32 mm (convertor)
Case Material	ABS

CLAMP ON TRANSDUCERS



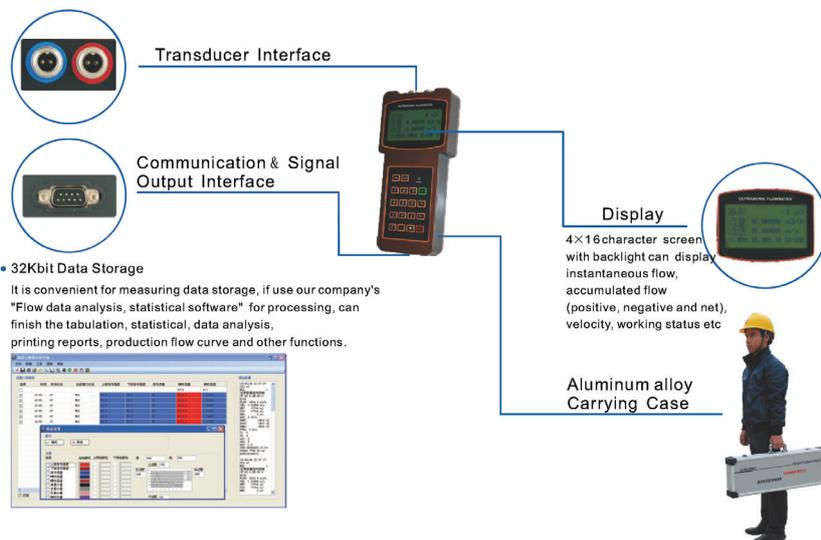
- Install the clamp on transducer (with magnet) on the pipe, can finish the flow measurement. No pressure drop, no need cut off pipe.
- Several types transducers for selection. measuring pipe size from DN15mm to DN6000mm.
- Several types transducers for selection.

CLAMP ON MOUNTING BRACKET TRANSDUCERS



- Bracket transducer can simplify the ultrasonic flowmeter installation process. shorten installation time and improve installation accuracy.
- install the clamp on bracket transducer (with magnet) on the pipe, can finish the flow measurement. No pressure drop, no need cut off pipe.
- Several types bracket transducer for selection, measuring pipe size from DN15 to DN700.
- Several types bracket transducers for selection, measuring temperature range from -30°C to 160°C.

WORKING ENVIRONMENT



OPTIONAL TRANSDUCERS

Types	Picture	Spec.	Model	Measurement Range	Temperature	Dimension
Clamp on		Small size	TS-2	DN15~DN100	-30...90°C	45 x 25 x 32mm
		Medium size	TM-1	DN50~DN700	-30...90°C	64 x 39 x 44mm
		Large size	TL-1	DN300~DN6000	-30...90°C	97 x 54 x 53mm
High Temperature Clamp on		Small size	TS-2-HT	DN15~DN100	-30...160°C	45 x 25 x 32mm
		Medium size	TM-1-HT	DN50~DN700	-30...160°C	64 x 39 x 44mm
		Large size	TL-1-HT	DN300~DN6000	-30...160°C	97 x 54 x 53mm
Mounting Bracket Clamp on		Small size	HS	DN15~DN100	-30...90°C	318 x 59 x 85mm
		Medium size	HM	DN50~DN300	-30...90°C	568 x 59 x 85mm
		Extended	EB-1	DN300~DN700	-30...90°C	188 x 59 x 49mm
High Temperature Mounting Bracket Clamp on		Small size	HS-HT	DN15~DN100	-30...160°C	318 x 59 x 110mm
		Medium size	HM-HT	DN50~DN300	-30...160°C	568 x 59 x 110mm
		Extended	EB-1-HT	DN300~DN700	-30...160°C	188 x 59 x 49mm