



| Features |

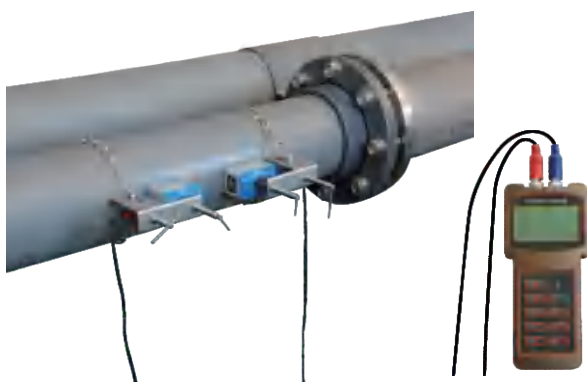
- **High Accuracy measuring**
Accuracy: $\pm 1\%$, linearity: 0.5%, repeatability: 0.2%
- **Wide measuring range**
Several types transducer for selection, measuring pipe size from DN15mm to DN6000mm
- **Large capacity battery**
Built-in rechargeable Ni-MH battery, provide over 12 hours of continuous operation
- **Non-intrusive measuring**
Non-intrusive, clamp-on transducer, no pressure drop, no pipe disturbance
- **Support Multiple Language Menu**
Chinese, English, Italian and other languages can be customized
- **Large LCD display**
Display instantaneous flow, accumulated flow (positive, negative and net), velocity, working status etc.
- **Built-in data logger**
Built-in 24K data logger, store over 2000 lines measuring data

ETUF -2000H Handheld Ultrasonic Flowmeter

| Liquid Type |

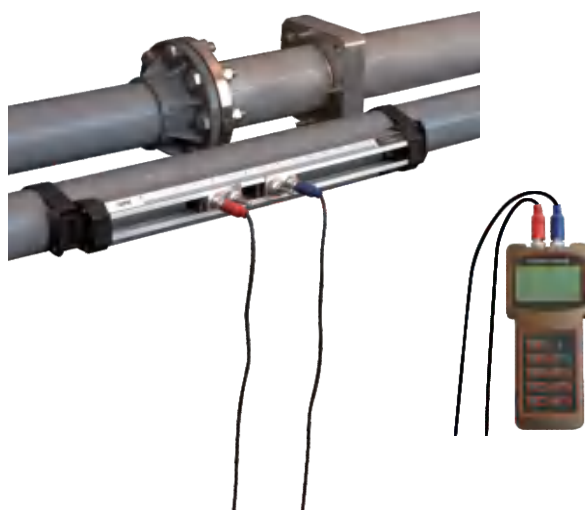
This flowmeter can be virtually applied to a wide range of measurement. A variety of liquid applications can be accommodated: ultra-pure liquids, potable water, chemicals, raw sewage, reclaimed water, cooling water, river water, plant effluent. etc

| Measuring Diagram |



| 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 transducers for selection, measuring pipe size from DN15mm to Dn700mm.
- Several types bracket transducers for selection, measuring temperature range from -30°C to 160°C

| Applications |

Water supply and drainage



Heating



Construction of Energy-saving



Metallurgy



Petrochemical



Power



ETUF-2000H Handheld Ultrasonic Flowmeter

| Parts Descriptions |

Transducer Interface

Communication & Signal Output Interface

Display

4×16 character screen with backlight can display instantaneous flow, accumulated flow (positive, negative and net), velocity, working status etc

Aluminum alloy Carrying Case

• **32Kbit Data Storage**

It is convenient for measuring data storage, if use our company's "Flow data analysis, statistical software" for processing, can finish the tabulation, statistical, data analysis, printing reports, production flow curve and other functions.

| Optional Transducer |

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

ETUF-2000H Handheld Ultrasonic Flowmeter

| Datasheet |

| Items | | Performance & Parameter |
|------------------------------------|--|--|
| Convertor | Principle | Transit-time ultrasonic flowmeter |
| | Accuracy | ±1% |
| | Display | 4×16 character LCD with backlight, support the language of Chinese, English and Italy |
| | 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℃ |
| | Turbidity | No more than 10000ppm and less bubble |
| | Flowrate | 0~±10m/s |
| Working Environment | Temperature | Convertor: -20~60℃; Flow Transducer: -30~160℃ |
| | Humidity | Convertor: 85%RH; Flow Transducer: Ip67 |
| Power Supply | 3 AAA built-in Ni-MH batteries 1.2V(for over 12 hours of operation). 90V-260V AC adapter | |
| Power Consumption | 1.5W | |
| Case Material | ABS | |
| Dimension | 200*93*32MM(Convertor) | |

| Ordering Code |

ETUF-2000H - Optional Transducer - Cable length

5 5m×2 (Standard)

10 10m×2

Example: ETUF -2000H +HM++10m

PS: Standard configuration = ETUF-2000H1 (convertor)+TM-1+5M*2 cable +Stretcher+Couplant(1 pc)+ Carrying case+Ruler

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