

Handheld Ultrasonic Flow Meter Model BUF-3000 Series



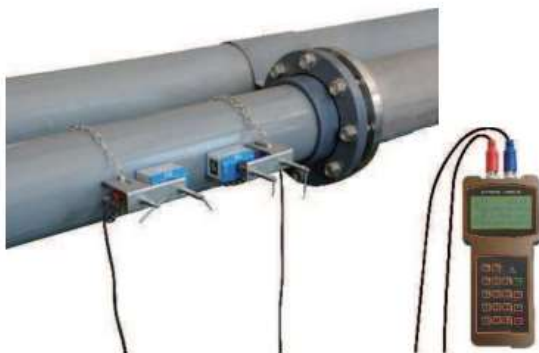
Feature

- **High Accuracy**
Accuracy better than 1%.
- **Wide Measurement Range**
Measurement range from DN15~DN6000mm
- **Rechargeable Power Supply**
Built-in high-capacity NiMH rechargeable batteries can work 20 hours(Fully charged).
- **Non invasion measurement**
Can achieve measurement with clamp on sensors
- **Data Storage**
32K BIT built-in data storage,can store two thousand rows of data
- **LCD display**
LCD display can display the instant flow,totoal flow,flow velocity and working condition

Product Introduction

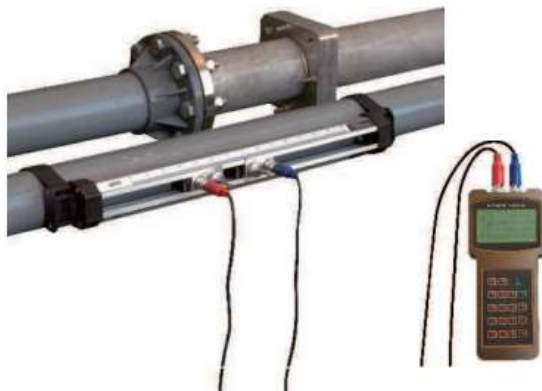
the handheld ultrasonic flow meter is designed to work with clamp-on transducers to enable the flow of a liquid within a closed pipe to be measured accurately without needing to insert any mechanical parts through the pipe wall or protrude into the flow system.

Using ultrasonic transit time techniques, the **PHILEMON-H** is controlled by a micro-processor system which contains a wide range of data that enables it to be used with pipes with an outside diameter ranging from 15mm up to 6000mm (depending on model) and constructed of almost any material. The instrument will also operate over a wide range of fluid temperatures.



Clamp on transducer

- Easy to install and no need to cut off the flow, no pressure loss
- Different transducer from DN15~DN6000
- Different transducer for temperature -30~160°C

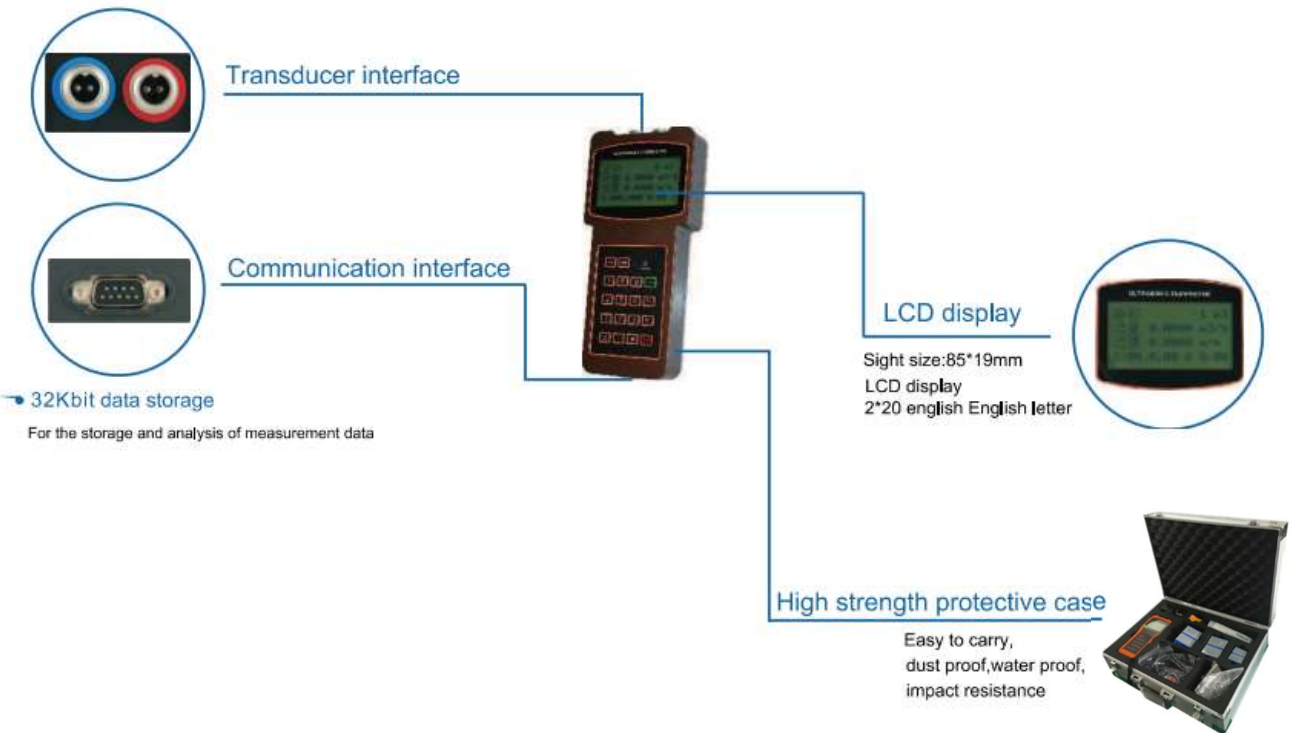


- Reduces installation time, improve installation accuracy
Easy installation, no need cut the flow, no pressure loss
- Easy to install and no need to cut off the flow, no pressure loss
- Different transducer from DN15~DN700
- Different transducer for temperature -30~160°C

Application

| | | | | | |
|---|---|---|--|---|---|
| Water supply | Supply heating | Building Energy Conservation | Metallurgy | Petroleum & Chemical | Power plant |
|  |  |  |  |  |  |

The main components feature



• Optional transducer

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