

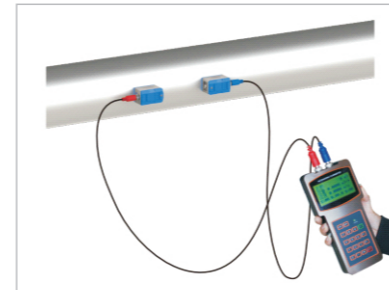
Handheld Ultrasonic Flow Meter GUF100



FEATURES

- 1.High Accuracy: 1%.
- 2.Wide measuring range Several types transducer for selection, pipe size from Dn15mm to Dn6000mm.
- 3.Large capacity battery Built-in rechargeable Ni-MH battery,provide over 12 hours of continuous operation.
- 4.Non-intrusive measuring Non-intrusive,clamp-on transducer,no pressure drop,no pipe disturbance.
- 5.Support Multiple Language Menu Chinese,English,Italy and other languages can be customized.
- 6.Large LCD display Display instantaneous flow,accumulated flow(positive,negative and net), velocity,working status etc.
- 7.Built-in data logger Built-in 24K data logger,store over 2000 lines measuring data. This flowmeter can be virtually applied to a wide range of measurement.A variety of liquid application 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

- 1.Install the clamp on transducer(with Magnet) on the pipe,can finish the flow Measurement.no pressure drop,no need Cut off pipe.
- 2.Several types transducers for selection, Measuring pipe size from DN15mm to Dn6000mm.
- 3.Several types transducers for selection.



Clamp on Mounting Bracket Transducers

- 1.Bracket transducer can simplify the ultrasonic Flowmeter installation process,shorten Installation process,shorten installation time And improve installation accuracy.
- 2.Install the clamp on bracket transducer(with Magnet)on the pipe,can finish the flow measurement.No pressure drop,no need cut off pipe.
- 3.Several types bracket transducers for selection, Measuring pipe size from DN15mm to Dn7000mm.
- 4.Several types bracket transducers for selection, Measuring temperature range from -30°C to160°C.

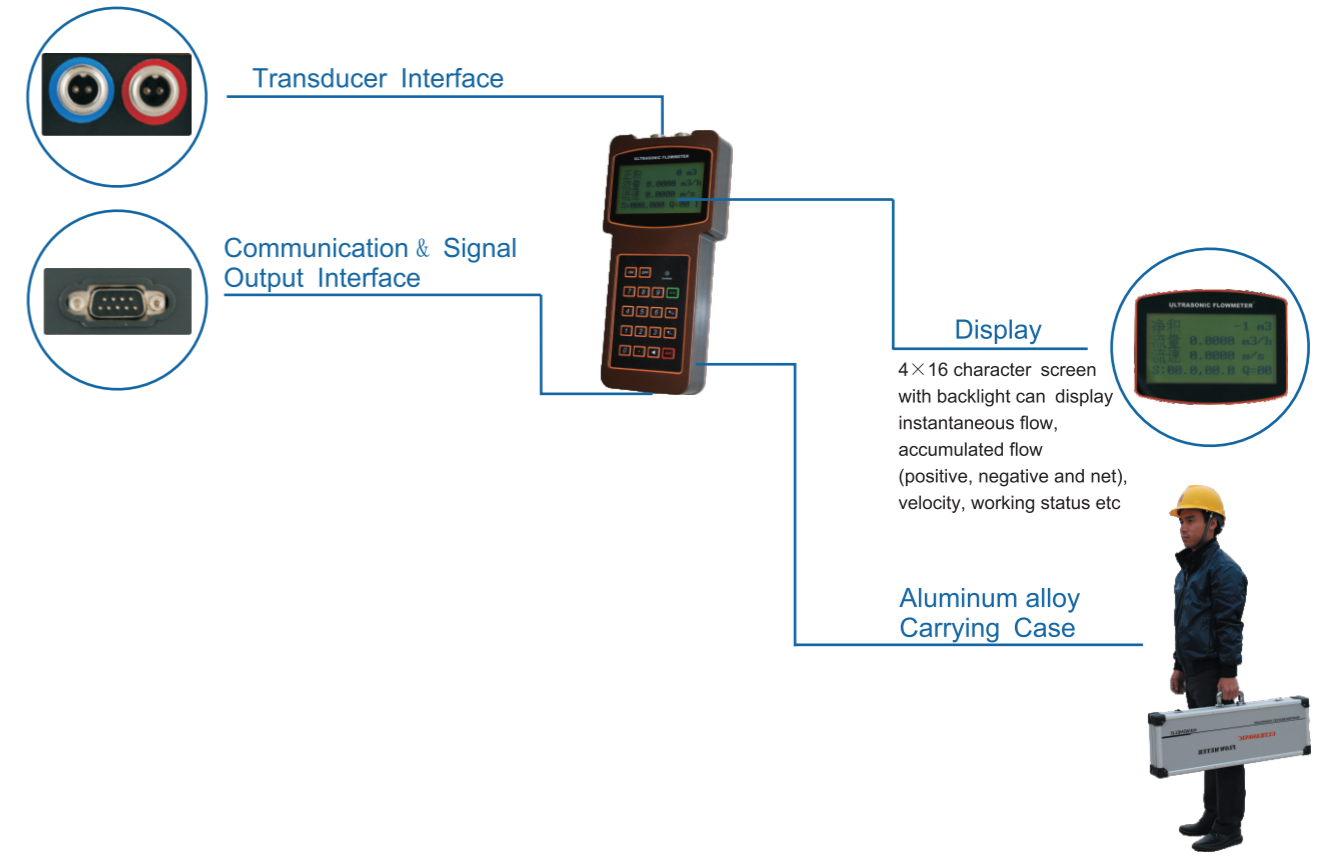
Optional Transducer

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

Data Sheet

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
	Signal Input	1 way OCT pulse output(Pulse width 6~1000ms, default is 200ms)
	Data Interface	Insulate Rs232 serial interface, upgrade the flowmeter software by computer
Special Cable	Twisted-pair cable, generally, the length under 50 meters ;Select the RS485, transmission distance can over 1000m	
Pipe Installation Condition	Pipe Material	Steel, Stainless steel, Cast iron, Copper, Cement pipe, PVC, Aluminum, Glass steel product, liner is allowed
	Pipe Diameter	15~ 6000mm
	Straigh Pipe	Transducer installation should be satisfied: upstream10D, 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 10000ppm and less bubble
	Flowrate	0~±10m/s
Working Environment	Temperature	Convertor: -20~60C; Flow Transducer: -30~ 160C
	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-260VAC adapter	
Power Consumption	1.5W	
Dimension	200*93*32mm(convertor)	

Parts Descriptions



ORDERING CODE

GUF100	Transducer	Cable length
	□	□ m
	TS	
	TM	
	TL	
	TS-HT	
	TM-HT	
	TL-HT	
	TC-1	
	TC-2	
	G	

Example: GUF100-TM+10m
 PS :Standard confirguration=GUF100-TM+5m×2 cable+Stretcher+Couplant(1pc)+Carrying case +Ruler