

Clamp on Ultrasonic Flow meter

GTUF200



Both the main unit and sensor of the **GTUF200** flow meter are fixed on the pipe.

Default is IP65, IP68 is optional.

Clamp on sensors are installed on the pipe. Suitable for pipe sizes from DN32mm to DN6000mm.

Working Condition

	Main Unit	Sensor
Protection	IP65	IP68
Temperature	-20~60°C	-30~160°C

Basic Parameters

Accuracy	Less than 2-3% of F.S. at standard condition.
Velocity Range	0.2~±8m/s, Bi-directional measurement
Pipe Size	DN32~DN6000
Temperature	-30~160°C
Type of Liquid	Single liquid can transmit sound wave. such as water, sea water, sewage, oil, chemicals , alcohol, etc
Pipe Material	Steel, Stainless steel, Cast iron, Copper, PVC, Aluminum, Glass steel, etc. Liner is allowed
Signal Output	1 X 4-20mA output (Impedance 0~1K 1 X OCT pulse output (Pulse width 6~ 1000ms) 1 X Relay output
Signal Input	3 X 4-20mA input, achieve to heat measurement by connecting PT100 platinum resistor.
Interface	RS485, support MODBUS
Power Supply	DC8-36V
Signal cable	Standard: 5m. 10m.

Optional Clamp on sensors

Standard Clamp on sensor

- Built-in magnet, easy to be absorbed on pipe
- IP68
- Measuring range: DN32~DN6000
- Temperature range: -30~90°C



Type	Model	Measuring Range	Temperature	Dimension
Small Size	GTS	DN32~DN100	-30~90°C	45x25x28mm
Middle Size	GTM	DN50~DN700	-30~90°C	64x39x44mm
Large Size	GTL	DN300~DN6000	-30~90°C	97x54x53mm

High Temperature Clamp on sensor

- Built-in magnet, easy to be absorbed on pipe
- IP68
- Measuring range: DN32~DN6000
- Temperature range: -30~160°C



Type	Model	Measuring Range	Temperature	Dimension
Small Size	GTS-HT	DN32~DN100	-30~160°C	45x25x28mm
Middle Size	GTM-HT	DN50~DN700	-30~160°C	64x39x44mm
Large Size	GTL-HT	DN300~DN6000	-30~160°C	97x54x53mm

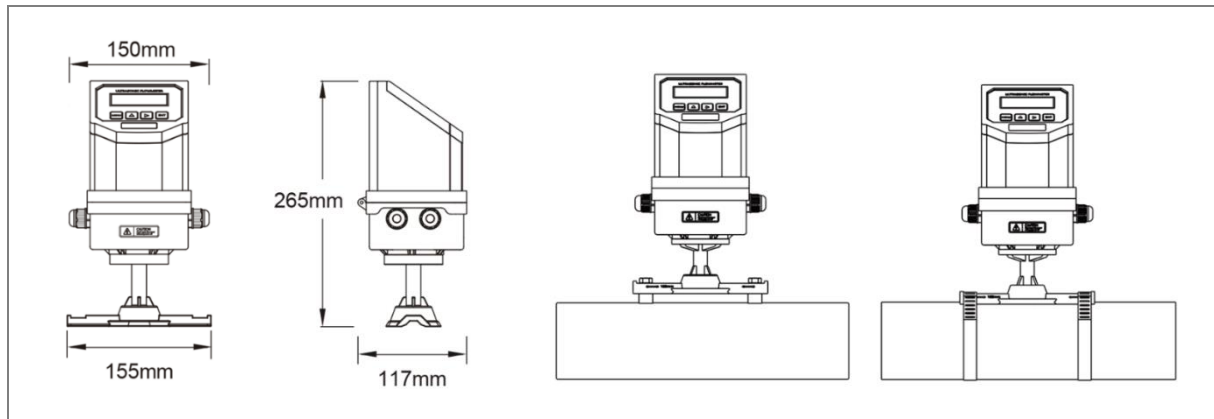
Mounting Bracket Clamp on sensor

- Improve installation efficiency and accuracy
- IP68
- Measuring range: DN32~DN700
- Temperature range: -30~160°C



Type	Model	Measuring Range	Temperature	Dimension
Standard Small Size Sensor	SS	DN32~DN100	-40~90°C	318x59x85mm
Standard Middle Size Sensor	SM	DN50~DN300	-40~90°C	568x59x85mm
Extended (bracket only)	EB	>DN300	-40~90°C	88x59x49mm
High Temp. Small Size Sensor	SS-HT	DN32~DN100	-40~160°C	318x59x145mm
High Temp. Middle Size Sensor	SM-HT	DN50~DN300	-40~160°C	568x59x145mm
Extended (bracket only)	EB-HT	>DN300	-40~160°C	88x59x49mm

Dimension



Ordering Information

Model: GTUF200		Clamp-on Ultrasonic Flow Meter *(Transducers)
Sensors & Bracket	Sensor	
	GTS	Standard Clamp on type small
	GTM	Standard clamp on type middle
	GTL	Standard clamp on type large
	GTS-HT	High temp. clamp on small
	GTM-HT	High temp. clamp on middle
	GTL-HT	High temp. clamp on large
	Mounting bracket	
	N	Not included.
	SS	Standard bracket type small
	SM	Standard bracket type middle
	EB	Extended (bracket only)
Cable Length (meter)	SS-HT	High temp. bracket type small
	SM-HT	High temp. bracket type middle
	EB-HT	Extended (bracket only)
	5	X 5m
	10	X 10m
	O	Others