

1. Clamp on flow transducer



Detailed introduction

Top View	Bottom View	Side View	Wire Diagram
1. Stretcher fixing 2. Steel wire fixing 3. Steel belt fixing 4. Fasten screws 5. Signal-radiation arrow direction	6. Sound wedge 7. Magnet 8. Anti-skid slot 9. Mark of the upstream and downstream 10. Cable interface	11. Installation distance point 12. Label information	13. Positive pole 14. Negative pole 15. Ground 16. Connection box

Features

1. The transducer can be fastened to the steel pipe or iron pipe by magnet
2. The ground wire terminal can enhance anti-interference

3. Many methods for fixing on the transducer top cover including the steel belt, stretche r and steel wire

4. Ultrasonic signal-radiation direction mark on the transducer

5. Can reach IP68 if the transducer be sealed glue

6. There are the The high temperature transducers and the standard transducer, includ ing large size, medium size and small size type

Standard temperature range:-30~90°C; High temperature range:-

30~160°C7. According to different installation condition, the transducer can be divided in to the portable and fixed type.

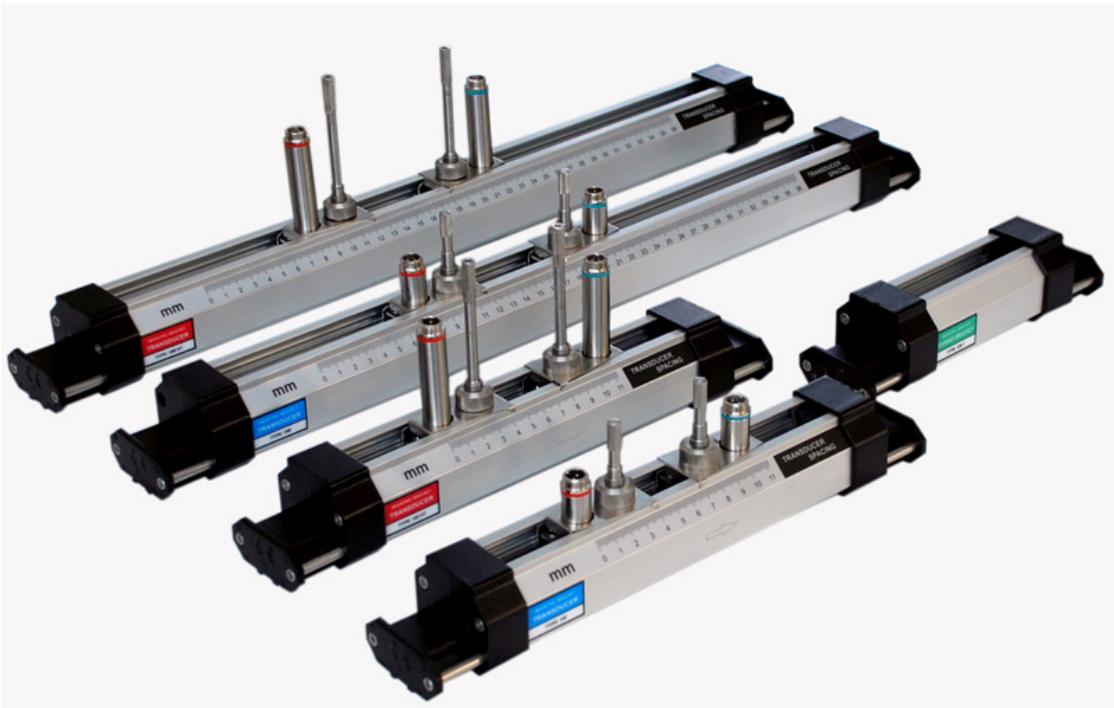
Standard clamp on flow transducer

Picture	Description	Model	Measuring Range	Temperature Range	Dimension
	Small size Clamp on transducer	TS-2	DN15~DN100mm	-30~90°C	45×25×28mm
	Medium size Clamp on transducer	TM-1	DN50~DN700mm	-30~90°C	64×39×44mm
	Large size Clamp on transducer	TL-1	DN300~DN6000mm	-30~90°C	97×54×53mm

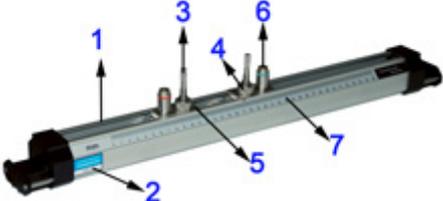
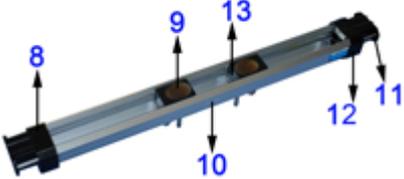
High temperature clamp on flow transducer

Picture	Description	Model	Measuring Range	Temperature Range	Dimension
	High temp small size Clamp on transducer	TS-2-HT	DN15~DN100mm	-30~160°C	45×25×28mm
	High temp medium size Clamp on transducer	TM-1-HT	DN50~DN700mm	-30~160°C	64×39×44mm
	High temp large size Clamp on transducer	TL-1-HT	DN300~DN6000mm	-30~160°C	97×54×53mm

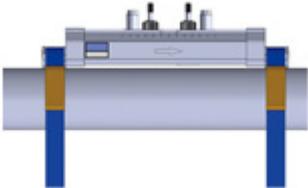
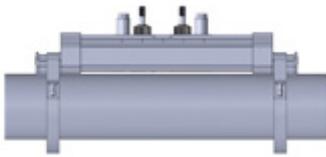
2. Mounting Bracket Transducer



Illustration

Top View	Bottom View
	
<p>1.Bracket: Aluminum alloy material, support and slide the transducer 2.Label: Indicate the bracket transducer model 3. Transducer Plunger: Move the transducer up or down, tighten the transducer with pipe wall, or disassemble transducer 4. Locknut: Loosen or tighten the transducer 5.Vernier: Fix the transducer position 6. Aviation Plug: Connect the ultrasonic flowmeter and bracket sensor 7. Scale: Indicate the transducer installation distance, including the Metric system and British system</p>	<p>8. Magnet: Fasten the bracket transducer to the steel pipe or iron pipe 9. Transducer: Transmit and receive the ultrasonic signal 10. Flow direction: Indicate the bracket sensor installation direction, should be in accordance with fluid direction 11. Small-diameter bracket: Fasten the bracket transducer be installed on small-diameter pipeline 12. Saddles: Aluminum material, fix the magic belt, steel belt or stretcher 13. Serial Number: Match with the flow meter</p>

Fixing Method

Magnet Fixing	Magic strap Fixing
	
Stretcher Fixing	Steel Belt Fixing
	

Picture	Description	Model	Measuring Range	Temperature Rang	Dimension
	Small size bracket transducer	HS	DN15~DN100	-30~90℃	318×59×85 mm
	Medium size bracket transducer	HM	DN50~DN300	-30~90℃	568×59×85 mm
	Extended bracket transducer	EB-1	> DN300	-30~90℃	88×59×49 mm
	High temperature small size bracket transducer	HS-HT	DN15~DN100	-30~160℃	318×59×85 mm
	High temperature medium size bracket transducer	HM-HT	DN50~DN300	-30~160℃	568×59×85 mm
	High temperature extended bracket transducer	EB-1-HT	> DN300	-30~160℃	88×59×49 mm