ADAFLOW

The transducers are a non-contacting, clamp-on type, which will provide benefits of non-fouling operation and easy installation.
It can be used for Carbon Steel, Stainless Steel, PVC and PE tubes.

Specifications:
- Installation Method: Wall-mounted
- Pipe Size: DN15-DN6000(mm)
- Suitable Medium: Clean water, Sea water, Waste water, Chemical liquids, Alcohol, beer
- Power Supply: AC220V or DC24V
- Communication: RS485,MODBUS
- Operating: 16 Button
- Output: 4 to 20 mA

Features and Benefits:
- Accuracy:±1%
- Linearity: 0.5%
- Repeatability: 0.2%
- Low-cost
- Easy to operate
- No need to cut pipes and no pressure loss
- Several type transducers for selection, measuring pipe size is from DN15mm to DN6000mm
- Adopt low voltage, multi-pulse technology to improve accuracy, useful life and reliability
- Powerful Recording Function, record the totalizer data of the last 64 days/64 monthes/5 years

Applications:
- The Ultrasonic Flow Meter for measurement of:
- Potable water
- Wastewater
- Sewage
- Clean water
- Sea water
- Chemical liquids
- Discharge water
- Treated water
- Cooling and heating water
- Other liquids

Parameters of main unit

Working Environment

	Main Unit	Transducer
Protection Level	IP67	IP68
Humidity	≤ 85%RH	
Temperature	-20° ~ 60°C	-30° ~ 160°C

Basic Parameters

Accuracy	≤ 1%
Velocity Range	0 ~ ±10m/s, Bi-directional measurement
Pipe Size	DN15 ~ DN6000
Temperature	-30° ~ 160°C
Type of Liquid	Single liquid that can transmit ultrasound, such as water, sea water, sewage, oil, alcohol, etc.
Pipe Material	Steel, stainless steel, cast iron, copper, PVC, aluminum, glass steel, etc. Liner is allowed
Signal Output	1 way 4-20mA output 1 way OCT pulse output 1 way relay output
Signal Input	3 way 4-20mA input, achieve to heat measurment by connecting PT100 platinum resistor.
Interface	RS485, support **MODBUS**
Data Storage	SD card regularly store the pre-set results (optional)
Power Supply	DC8 ~ 36V or AC85 ~ 264V

Parameters of Transducer

● *Clamp on Transducer*

Built-in magnet, easy to be absorbed on pipe
Protection Level: *IP68*
Measuring range: *DN15-DN6000*
Temperature range: *-30° ~ 90°C*

Type	Small	Medium	Large
Model	TS-2	TM-1	TL-1
Measuring Range	DN15-DN100	DN50-DN700	DN300-DN6000
Temperature	-30°~ 90°C	-30°~ 90°C	-30°~ 90°C
Dimention	45×25×28mm	64×39×44mm	97×54×53mm

● *High Temperature Clamp on Transducer*

Built-in magnet, easy to be absorbed on pipe
Protection Level: *IP68*
Measuring range: *DN15-DN6000*
Temperature range: *-30° ~ 160°C*

Type	Small	Medium	Large
Model	TS-2-HT	TM-1-HT	TL-1-HT
Measuring Range	DN15-DN100	DN50-DN700	DN300-DN6000
Temperature	-30°~ 160°C	-30°~ 160°C	-30°~ 160°C
Dimention	45×25×28mm	64×39×44mm	97×54×53mm

● *Mounting Bracket Transducer*

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

Type	Small	Medium	Extended	Small	Medium	Extended
Model	HS	HM	EB-1	HS-HT	HM-HT	EB-1-HT
Measuring Range	DN15 ~ DN100	DN50 ~ DN700	＞DN300	DN15 ~ DN100	DN50 ~ DN300	＞DN300
Temperature	-40°~ 90°C	-40°~ 90°C	-40°~ 90°C	-40°~ 160°C	-40°~ 160°C	-40°~ 160°C
Dimention	318×59×85mm	568×59×85mm	88×59×49mm	318×59×145mm	568×59×145mm	88×59×49mm

Touch the sensitivity...

ADAFLOW

AUW300 Product Detail Presentation

IP67 professional protection
- Professional dustproof and waterproof
- Anti-corrosion and moisture-proof
- long-term stable outdoor installation

HD LCD display
- HD LCD backlight display
- Convenient and intuitive reading

ABS electrical interface
- Waterproof and dustproof
- Not easy to age and crack
- Long life

Advanced chip stable performance
- SMT automatic patch circuit
- High quality, high performance
- Use more precise

Products and accessories:
- Main Unit
- Cable 10 meters
- Steel belt
- Clamp on transducer
- Silica Gel

ADAFLOW

Touch the sensitivity...