

Key Features:

- No need to cut pipes
- No pressure loss
- DN15-DN6000 Pipe Dia. Range
- Fluid temperature: -30°C ~ +160°C
- Improve installation accuracy
- Easy and quick to install.
- Residual Errors: $\pm 1\%$

Description:

Designed to measure the fluid velocity of liquid within a closed conduit, the transducers are a non-contacting, clamp-on type, which will provide benefits of non-fouling operation and easy installation, can be applied to a wide range of pipe flow measurements. Applicable liquids include pure liquids as well as liquid with small quantity of tiny particles, 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, acids, etc.), plant effluent, beverage, liquid food, ultra-pure liquids, solvents and other liquids.

Advantages:

The Compu-Flow[®] TDS-200-F2 Transit-Time Ultrasonic flowmeter is a non-contact instrument, which can be used to measure not only the flow of small, medium, and large pipe diameters but also the measurement of liquid medium that is difficult to handle such as strong corrosive, non-conductive, radioactive, flammable, explosive, and many other problematic flow materials while maintaining a 1% flow accuracy.

Introducing the All-New

Compu-Flow[®] Dedicated Transit Time Ultrasonic Flowmeter Model TDS-200-F2





Specifications:

- Residual Errors: $\pm 1\%$
- Velocity range: 0~+10m/s, Bi-directional measurement
- Pipe size: DN50~DN700mm
- Temperature: $-30^{\circ}\text{C} \sim +160^{\circ}\text{C}$
- Type of liquid: Single liquid 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 measurement by connecting PT 100 platinum resistor.
- Interface: RS485, support MODBUS
- Data storage: SD card regularly store the pre-set results (not included)
- Power supply: DC8~36V or AC85~264V
- Package size: 40×26×17cm
- Gross weight: 2kg

Contact Info:

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