

Ultrasonic Flow Meter

Model Selection

Model	Suffix Code		Description
US - 2000	①	②	Ultrasonic Flowmeter
Host Type	S		Wall Mounted Type
	H		Handheld Type
	P		Portable Type
Sensor Type	TS		DN15-DN100mm; -40...+90°C
	TM		DN50-DN700mm; -40...+90°C
	TL		DN300-DN6000mm; -40...+90°C
	HTS		DN15-DN100mm; -40...+160°C
	HTM		DN50-DN700mm; -40...+160°C



Optional: Thickness Gauge

Specification

Liquid Types	Most clean liquids; liquids containing small amounts of suspended solids or gas bubbles	
Measuring Principle	Transit-Time	
Converter Model	US - 2000P	Portable with Printer
	US - 2000H	Hand-Held
	US - 2000S	Wall-Mounted
Pipe Size	DN15...DN6000	
Sensor Model	TS	DN15...DN100
	TM	DN50...DN700
	TL	DN300...DN6000
	HTS	DN15...DN100
	HTM	DN50...DN700
Max. Fluid Temperature	TS; TM; TL: -40...+90°C HTS; HTM: -40...+160°C	
Accuracy	±1%~±2% value of reading (0.5-30m/s) ±0.5% value of reading(online calibration)	
Power Supply and Output (Depending on Model)	(1) Rechargeable Battery(RS232) (2) 110-230Vac(4-20mA/Pulse/RS485) (3) 24V DC(4-20mA/Pulse/RS485)	
Pipe Material	Cast Iron; Stainless Steel Ductile Iron Copper; PVC; Aluminum, Asbestos Fiberglass... etc Tar Epoxy, Rubber, Morta	
Liner Material	Polypropylene, Polystyrol Polystyrene, Polyester, Ebonite Polyethylene, Teflon... etc	
Language	English; Chinese (Other's on request)	
Engineer Unit	M³; Liter; US Gallon Gallon; Million Gallon; Cubic Feet US Barrels; Imperial Barrels; Oil Barrel	
Totalizer	7 digit; Forward; Reverse & Net Values	
Flow Rate	5 digit with decimal point	
Host Material	Cast Aluminium	
Weight	Around 7 KG/PCS	

US - 2000H



Hand-held Ultrasonic Type

US - 2000H works on the transit time method. This is based on the principle that sound waves traveling with the flow will move faster than those traveling against it. The resulting difference in transit time is directly proportional to the flow velocity of the liquid and consequently to the flow rate.

US - 2000P



Portable Ultrasonic Type

US - 2000P is available in a variety of configuration that permit the user to select an ultrasonic meter with feature suitable to meet particular application requirements. It could also provides the data printed service. Built-in min thermal printed with instant and timing print function and uplink over 20 measuring data to computer or internet.

US - 2000S



Wall Mounted Ultrasonic Type

US - 2000S is a fixed mounted transit-time ultrasonic flow meter, with clamp-on transducers for non-invasive liquid measurement. Our microprocessor based, user friendly, field programmable flow measurement technique allows no interruption of the process flow and has low installation cost.



Sensor



Cables



Charger (Power Supply)



Mounting Device



Aluminum Alloy Box

