



ULTRASONIC FLOWMETER

HAND HELD ULTRASONIC Flow Meter

TUF 2000H



WALL MOUNT ULTRASONIC Flow Meter

TUF 2000S



Fixed ULTRASONIC Flow Meter

TUF 2000F



DESCRIPTION

Hand-held Ultrasonic Type

TUF-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.

Fixed Ultrasonic Type

TUF-2000F is available in a variety of configuration that permit the user to select an ultrasonic meter with feature suitable to meet particular application requirements.

Wall mounted Ultrasonic Type

TUF-2000S is a fixed mounted transit-time ultrasonic flowmeter, 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.

Model Selection

MODEL		DISCRIPTION
TUF-2000		
	S	WALL MOUNT TYPE
	H	HANDHELD
	F	FIXED [DN40 TO DN600]
SENSOR		
	TS	DN 15~DN100mm Temp -40~90 'C
	TM	DN 50~DN700mm Temp -40~90 'C
	TL	DN 300~DN6000mm Temp -40~90 'C
	HS	DN 15~DN100mm Temp -40~160 'C
	HM	DN 50~DN700mm Temp -40~160 'C
INSERTION	DTI-C11	DN 50~DN700mm Temp -40~160 'C
INSERTION	DTI-TC-1-2	DN 80~DN6000mm Temp -40~160 'C

SPECIFICATIONS

Liquid Types	Most clean liquids or liquids containing small amounts of suspended solids or gas bubbles	
Measuring Principle	Transit-Time	
Converter Model	TUF-2000P	Portable with Printer
	TUF-2000H	Hand-Held
	TUF-2000S	Wall-Mounted
Pipe Size	DN15...DN6000	
Sensor Model	TS-2	DN15...DN100
	TM-1	DN50...DN700
	TL-1	DN300...DN6000
	HTS-1	DN15...DN100
	HTM-1	DN50...DN700
Max. Fluid Temperature	TS-2;TM-1;TL-1:-40...+90	
	HTS-1,;HTM-1 : -40...+160	
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 Materials	Cast Iron; Stainless Steel	
	Ductile Iron Copper; PVC; Aluminum,	
	Asbestos Fiberglass...etc	
Liner Materials	Tar Epoxy, Rubber, Morta	
	Polypropylene, Polystyrol	
	Polystyrene, Polyester, Ebonite	
	Polyethylene, Teflon...etc	
Language	English; Chinese(Other's on request)	
Engineer Units	M3;Liter;US Gallon; Imperial	
	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	

ACCESSORIES



SENSORS



CABLES

CHARGER

MOUNTING CLAMP



CARRY CASE