

Experience precise and non-intrusive flow measurement with our UFM400 advanced Ultrasonic Flowmeter. Using state-of-the-art ultrasound technology, this device accurately measures the flow rate of liquids by sending ultrasonic signals through the fluid and analyzing the time or frequency shift of the signals. Ideal for industrial applications, the ultrasonic flowmeter ensures reliable and maintenance-free operation without disrupting the flow.

Whether in water management, oil and gas, or chemical processing, this flowmeter provides accurate data to optimize system efficiency. UFM400 works on pipe material carbon steel, stainless steel, cast iron, ductile iron, copper, PVC, aluminum, asbestos, fiberglass.



FEATURES

- Portable with built-in printer
- High precision measurement
- Non contact measurement
- Different types of sensors can be used to measure the flow of DN15 ~ DN6000 pipes
- Measurement accuracy is better than $\pm 1\%$
- Comes with 3 pair of transducer

TECHNICAL SPECIFICATION

Pipe Size	DN15mm-DN6000mm		
Transducer	DN15mm-DN 100mm	30°C~90°C	
	DN 70mm-DN 700mm	30°C~90°C	
	DN 300mm-DN 6000mm	30°C~90°C	
Accuracy	$\pm 1\%$ of reading at rates > 0.2 m/s		
Repeatability	0.2%		
Velocity	+32m/s		
Flow rate	Cubic meter (m ³)	Cubic feet	(cf)
	Liter (l) USA gallon (gal)	USA liquid barrel	(bal) Oil barrel (ob)
The flow unit in terms of time can be per day, per hour, per minute or per second.			
Pipe Material	Carbon Steel, stainless steel, cast iron, cement pipe, copper, PVC, aluminum, FRP		
Liquid Types	Water, sea water, industrial sewage, acid & alkali liquid, alcohol, beer, all kinds of oils which can transmit ultrasonic single uniform liquid		
Liquid Temperature	30°C~90°C		
Liquid Turbidity	Less than 10000ppm		
Flow Direction	Bi-directional measuring		
Communication	MODBUS RTU RS485 (optional)		
Power Consumption	<1.5W		
Power Supply	220V AC/24V DC		