

The hand-held ultrasonic flowmeter UFM series is the latest flowmeter with more accurate measurement which is better than $\pm 1\%$.

UFM100 uses an external clamp type sensor to measure the liquid flow. The installation process is very simple, and easier to operate. It is especially suitable for flow balance test and flow monitoring: drinking water, river water, sea water, cooling water, hot water, industrial sewage, lubricating oil, diesel oil, fuel oil, chemical liquid, etc.



FEATURES

- 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	$+32$ m/s		
Flow rate	Cubic meter (m ³)	Cubic feet	(cf)
	Liter (l)	USA liquid barrel	(bal)
	USA gallon (gal)	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		