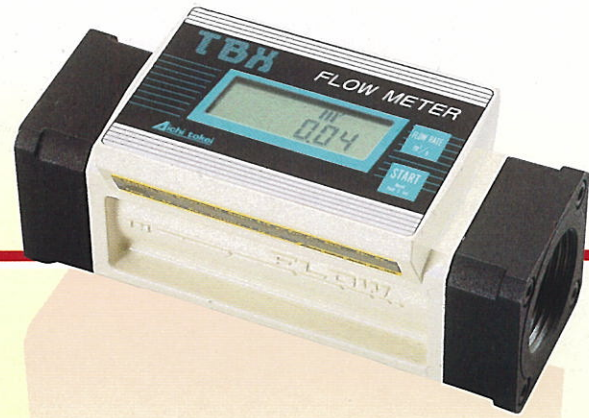




TBX Series

Turbine Gas Meter



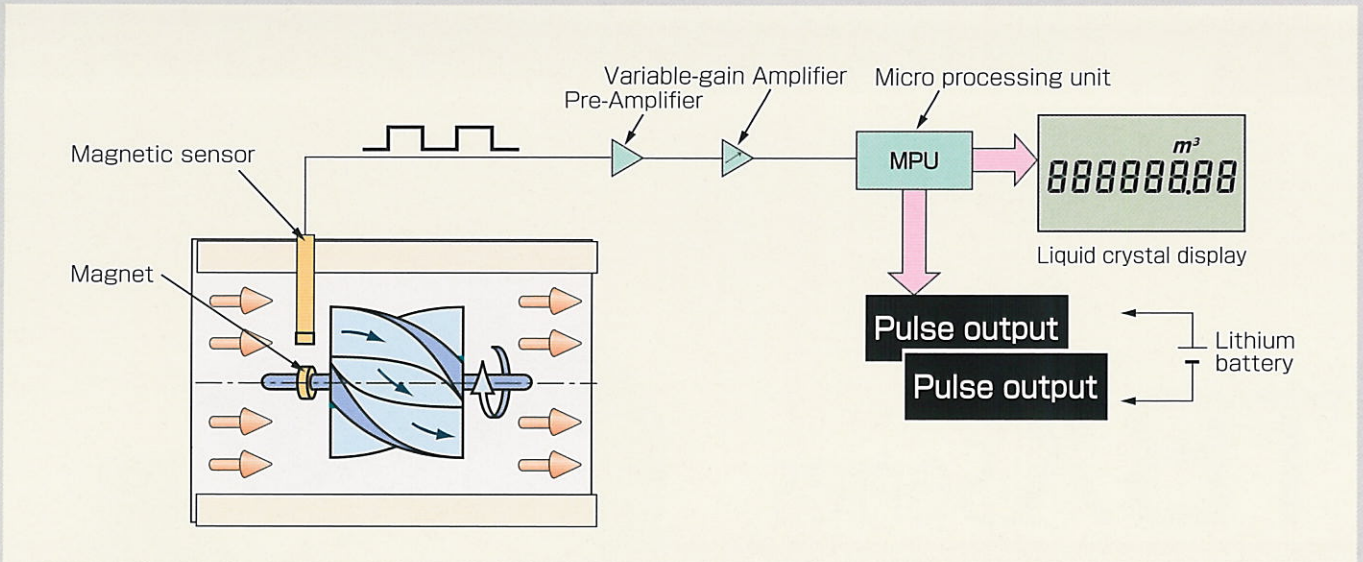
- Low-cost and compact compared with conventional gas meters
- Highly accurate
- Can be installed in any installation position
- Optional pulse transmitter
- Measures many types of gases
- Built-in battery allows for 7 years of continuous operation

■ Specifications

Model	TBX 30	TBX100	TBX100F	TBX150F	
Flow range	4 to 30 m ³ /h	10 to 100 m ³ /h	10 to 100 m ³ /h	12.5 to 150 m ³ /h	
Max.pressure	98kPa				
Accuracy	Flow measurement section ± 1% FS				
Display	Integrated flow	LCD 8 digit , Minimum reading 10 liters		LCD 8 digit , Minimum reading 100 liters	
	Trip	LCD 6 digit , Minimum reading 10 liters		LCD 6 digit , Minimum reading 100 liters	
	Instantaneous	LCD 4 digit , Minimum reading 0.1 m ³ /h		LCD 3 digit , Minimum reading 1 m ³ /h	
	Temperature	-			
	Pressure	-			
Temperature compensation	-				
Connection	Rc 1 1/4" , Rc 1 1/2"	Rc 2"	2" Flange(JIS10K)		
Acceptable temperature range	0 to +60°C			-10 to +60°C	
Installation position	Horizontal, Vertical				
Measurable gases	Natural gas, LPG, Air, etc.				
Battery	Built-in lithium battery with a life of 7 years.(Approx.)				
Output pulse	2-systems open collector output (Unit pulse, High density pulse)				
Installation	Indoor				
Case material	Aluminum alloy		Cast iron	Aluminum	
Weight	0.8kg	1.8kg	7.0kg	2.5kg	

Note : Please avoid intrusion of carbonate substance (C5 or above) from LPG or City Gas, oil mist, and/or dust powder, etc. to the inside of the meter.

■ Measurement principle



■ Guide to choosing the most appropriate model

Model	TBX30 (※1), TBX100, TBX150F	TBX100F
Direction of Flow	Left to Right or Right to Left	Left to Right, Right to Left, Upward, or Downward

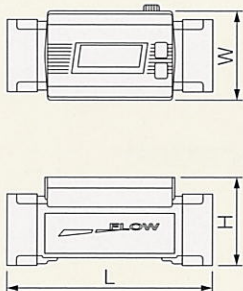
※1: Please select the nominal diameter (Rc1 1/4" or Rc1 1/2").

■ External dimensions

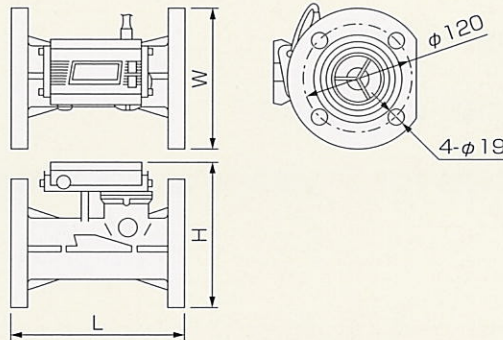
Unit : mm

Externals size	L	H	W
TBX30	170	74	73
TBX100	200	100	85
TBX100F	200	161	φ155
TBX150F	200	148	φ155

TBX 30/100



TBX 100F/150F



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Specifications are subject to change without notice.
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