



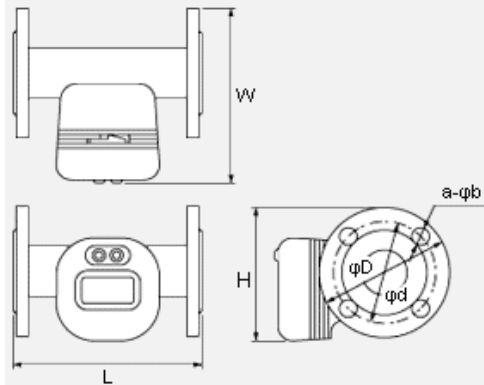
MODEL TBZ

Model		TBZ60	TBZ150	TBZ300
Flow-rate range (m3/h)		6- 60	12.5-150	30-300
Max. working Pressure (kPa)		350 or 980 (3.5 or 9.9kgf/cm2)		
Accuracy	Flow measurement section	$\pm 1\%FS$ and $\pm 3\%RS$		
	Arithmetic display section	$\pm 2\%RS$ max.for TBZ***- 3.5		
		$\pm 3\%RS$ max.for TBZ***- 9.9		
Display	Integrated flow	LCD 9 digits, Minimum reading 10 liters		
	Trip	LCD 8 digits, Minimum reading 10 liters		
	Instantaneous	LCD 4 digits, Minimum reading 0.1 m3/h		
	Temperature *1	LCD 3 digits, Minimum reading 0.1 °C		
	Pressure *2	LCD 3 digits, Minimum reading 1kPa		
Temperature/pressure compensation		*3 Built-in temperature and pressure sensors		
Connection		1 1/2"B Flange (JIS10K)	2"B Flange (JIS10K)	3"B Flange (JIS10K)
Applicable temperature range(□C)		-10 to +60		
Installation position		Horizontal, Vertical (Display section turns)		
Measurable gases		*4 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)		

*1 No setting is made for actual flow models. Please see [Manual for Selecting Aichi Turbine Gas Meter Model TBZ Series and TBX Series](#) for more details.

*2 Please avoid installing the meter in a place where carbonate substance (C5 or above) from LPG or City Gas, oil mist, and/or dust powder, etc., waft.

External Dimensions



(Units : mm)

Model	L	H	W	JIS 10K Flange		
				φD	φd	α-φb
TBZ60	200	150	197	140	105	4-19
TBZ150	220	158	211	155	120	4-19
TBZ300	250	185	246	185	150	8-19

Turbine Gas Meter

TBZ / TBX Series



MODEL TBX

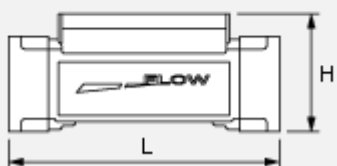
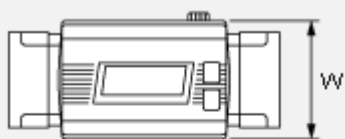
Specifications

Model		TBX30	TBX100	TBX100F	TBX150F
Flow-rate range (m³/h)		4-30	10-100	10-100	12.5-150
Max. working pressuse(kPa)		100kPa (Approx. 1.0kgf/cm²)			
Accuracy	Flow measurement section	±1%FS			
	Arithmetic display section	-			
Display	Integrated flow	LCD 8 digits, Minimum reading 10 liters			LCD 8 digits, Minimum reading 100 liters
	Trip	LCD 6 digits, Minimum reading 10 liters			LCD 6 digits, Minimum reading 100 liters
	Instantaneous	LCD 4 digits, Minimum reading 0.1m³/h			LCD 3 digits, Minimum reading 1m³/h
	Temperature	-			
	Pressure	-			
Temperature/pressure compensation		-			
Connection		Rc1 1/2, Rc1 1/4	Rc2	2B Flange(JIS10K)	
Applicable temperature		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)			
Installation		Indoor			
Casing material		Aluminum alloy		Cast iron	Aluminum alloy
Weight (kg)		0.8	1.8	7.0	2.5

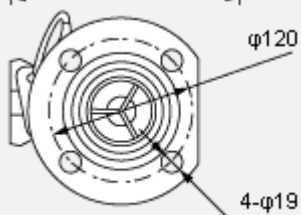
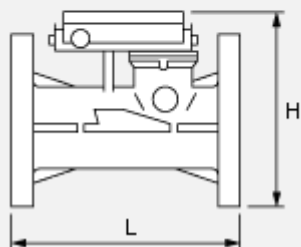
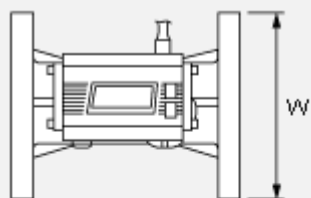
* Please avoid installing the meter in a place where carbonate substance (C5 or above) from LPG or City Gas, oil mist, and/or dust powder, etc., waft.

External Dimensions

TBX 30/100



TBX 100F/150F



(Units : mm)

	L	H	W
TBX30	170	74	73
TBX100	200	100	85
TBX100F	200	161	$\phi 155$
TBX150	200	148	$\phi 155$