

Model TBZ



Overview

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	±1%FS and ±3%RS		
	Arithmetic display section	±2%RS max.for TBZ***-3.5		
		±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)		
Installation		Indoor/Outdoor (Dripproof structure) *4.5.		
Material		Body/Flange : Stainless steel		
		Display : Aluminum alloy		
Weight (kg)		5.3	6.0	9.4

*1 Only for temperature compensation models.

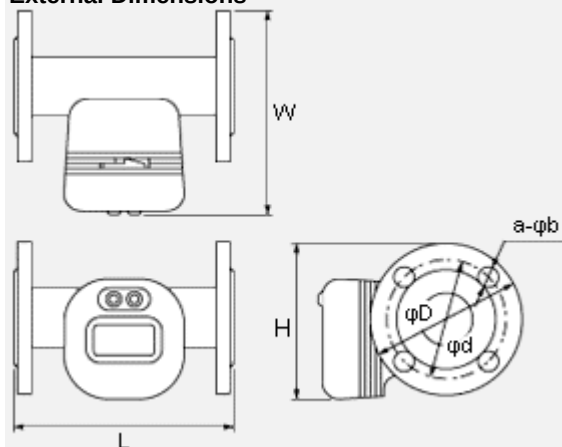
*2 Only for pressure compensation models.

*3 No.1 for actual flow models. Please refer to [Manual for Selecting Aichi Turbine Gas Meter Model TBZ Series and TBX Series](#) for more details.

*4 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.

*5 For outdoor installation, please avoid the meter being splashed with water.

External Dimensions



(Units : mm)

	L	H	W	JIS 10K Flange		
				φD	φd	a-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