

TSC-200 Series

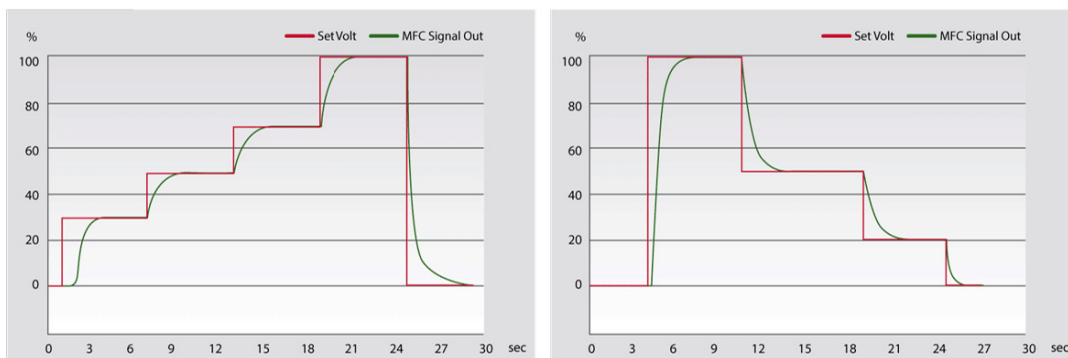


- Description**
- High stability, accuracy, and repeatability
 - Fast response time
 - Various application areas
 - Applicable for toxic and corrosive gases

Specifications

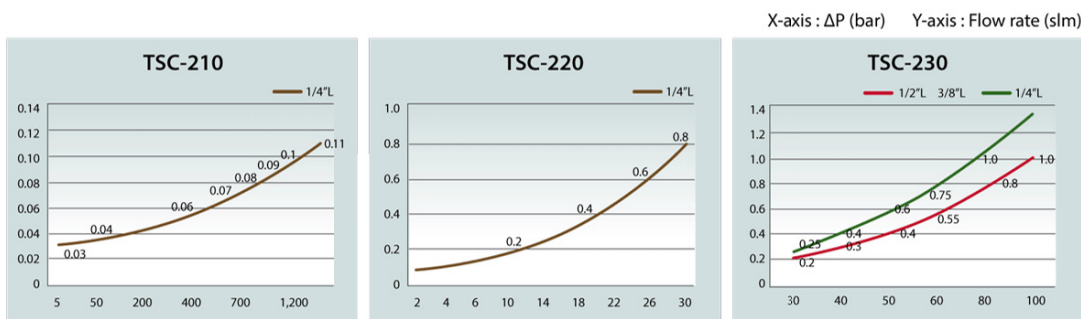
Model	TSC-200	TSC-210	TSC-220	TSC-230
Flow Range (N ₂ Equivalent)	3~7 sccm	7~1,500 sccm	1.5~30 slm	30~100 slm
Flow Rate Control Range	2~100% of Full Scale			
Accuracy	≤ ± 1.0 % of Full Scale			
Response Time	≤ 3.5 sec (30 ~ 100%)	≤ 2 sec		
Linearity	≤ ± 0.2 % of Full Scale			
Repeatability	≤ ± 0.2 % of Full Scale			
Control Valve Type	Normally Closed Solenoid			
Seal Type	Elastomer (Viton®, Viton-ETP®, Kalrez®, etc.)			
Signal Type	Analog Mode : 0~5VDC or 4~20mA			
Power Supply	+15~24VDC			
Operation Temperature	5~50°C (Recommended Temperature Range : 15~35°C)			
Warm-Up Time	15min (Accuracy Guaranteed : 30min)			

Response characteristics



Pressure condition and flow range

TSC-200 Series can measure flow range between 0 and 100 slm depending on the pressure and fitting size.



Production specifications

Analog MFC

Model	Flow Range	Valve		Fitting (L:LOK, V:VCR)							Seals					In/Out Signal				
		close	open	1/8"	1/4"	3/8"	1/2"	3/4"	6mm	25A	40A	Viton	Vt-ETP	Silicon	Kalrez	Metal	0~5V	4~20mA	RS485	D-Net
200	0~7sccm	○		L	L/V	L	V		L			○	○	○	○	○	○	○		
210	0~1.5slm	○		L	L/V	L	V		L			○	○	○	○	○	○	○		
220	0~30slm	○		L	L/V	L	V		L			○	○	○	○	○	○	○		
230	0~100slm	○			L	L	L/V	L				○	○	○	○	○	○	○		

External dimensions

