1000

MASS FLOW METERS

TOF SERIES — Flow Rate & Totalizer LCD Display

— Flow Rate With or Without LCD Display

±2% Accuracy Linear Output Thermal Technology For Using in Non Corrosive Gas For Flow Rates up to 2500 SLM Power Supply Included

The NEW-FLOW Thermomal Mass Flow Meters provide high performance. Thermal Technology offers advantages in accuracy, sensitivity and turn quality components and the latest technology are combined to provide reliable, compact meters and controllers. The TSF Series comes With or Without an LCD Display; or Flow Rate with Totalizer LCD Display. All models come with linear 0-5VDC and 4-20mA output. The TSF Series measures the mass flow rate of gases in 5 ranges from 0-750 SLM to 0-2500 SLM as shown in the range table.



Type: Without LCD Display; Flow Rate with LCD Display; Flow Rate with LCD Display & Blue Back Lighted; Flow Rate with Totalizer LCD Display & Blue Back Lighted

Wetted Parts Material: Standard flowbody—SS316, option available.

O-ring- Viton

Output Signal: 0-5 VDC Linear min. load 1000Ω or 4-20 mA Linear,

loop resistance 500Ω

Input Power: 24VDC standard; optional power supply 15VDC 115VAC,

220VAC @500mA

Accuracy: ±2% F.S. (including linearity)

Turn Down Ratio: 100:1

Repeatability: ±0.15% F.S. or Better Electric Connection: 9 Pin Sub "D" **Process Connection:** 1"NPT female Range: 0-750 SLM to 0-2500 SLM Minimum Pressure: 100" H₂O Max. Pressure: 500 psig Temperature Range: 0~50°C Response Time: 1 Second

Temp. Coefficient: 0.05% Full Scale per 1°C or Better Pressure Coefficient: 0.01% Full Scale per PSIG or Better

Flow Unit: Kg, GAL, N\ell, Nm3, cc, \ell, M3

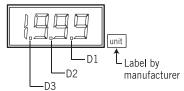
(Flow rate with LCD display: Label by manufacturer; Flow rate with totalizer LCD display: Unit LCD display)

Weight: app. 6.5 kg with power supply

app. 6.64 kg with power supply & totalizer

Display Digital Decimal Point Function

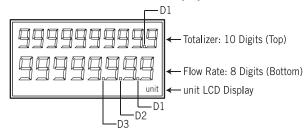
Flow Rate with LCD Display:



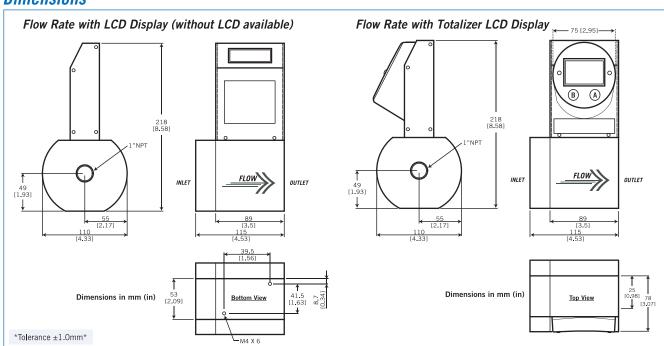
	Range	Decimal Point
	0 ~ 1.999	D3
	2.0 ~ 19.99	D2
	20.0 ~ 199.9	D1
er	200 ~ 1999	None

(€ (PG

Flow Rate with Totalizer LCD Display:



Dimensions



Range Table

Code	SLM
00	0-750
01	0-1000
02	0-1250
03	0-1500
04	*Custom Flow Rate

NOTE.
*Please noteice that the max. flow rate is 1500 SLM.

Ordering Information

TSF	Code	Flow Ra	nge							
00 0~750 SLM										
	01	0~1000 SLM								
	02	0~1250 SLM								
	03	0~1500 SLM								
	04	*Custom range (please directly fill in the requested range)								
		Code Wetted Parts Material								
		Α	SS316	0		option				
			Code	Process Connection						
			1	1"NPT(F)						
				Code	de Display					
				W	Flow	Flow Rate with LCD Display				
				В	Flow Rate with LCD Display & Blue Back Lighted					
			T	Flow	Flow Rate with Totalizer LCD Display & Blue Back Lighted					
				0	Without LCD Display					
					Code	_	Output S			
							(1) 0~5 VDC (2) 4~20mA			
							Code	Input Po		
									/DC (2) 15 VDC	
								Code	Power Supply for 24 VDC	
									(1) With (2) Without	
₩	V	₩	*	+			₩	\psi		
TSF									Complete Ordering Code	



mail@sightflow.com.au Tel: 1800 539220

Mob: 0400 938611