MASS FLOW METERS

- Flow Rate & Totalizer LCD Display
- Flow Rate With or Without LCD Display

±2.5% Accuracy Linear Output Thermal Technology For Using in Non Corrosive Gas For Flow Rates up to 4500 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 TGF 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 TGF Series measures the mass flow rate of gases in 4 ranges from 0-2500 SLM to 0-4500 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: ±2.5% F.S. (including linearity)

Turn Down Ratio: 50:1

Repeatability: $\pm 0.15\%$ F.S. or Better Electric Connection: 9 Pin Sub "D"

Process Connection: 1½"NPT female; 1½"BSP female available

Range: 0-2500 SLM to 0-4500 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

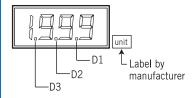
Flow Unit: Kg, GAL, N\ell, Nm3, cc, \ell, M3

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

Weight: app. 8.21 kg with power supply; app. 8.35 kg with power supply & totalizer

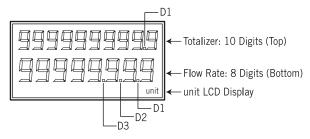
Display Digital Decimal Point Function

Flow Rate with LCD Display:



Range	Display			
2500	250 x 10			
3000	300 x 10			
4000	400 x 10			
4500	450 x 10			

Flow Rate with Totalizer LCD Display:



Approvals:



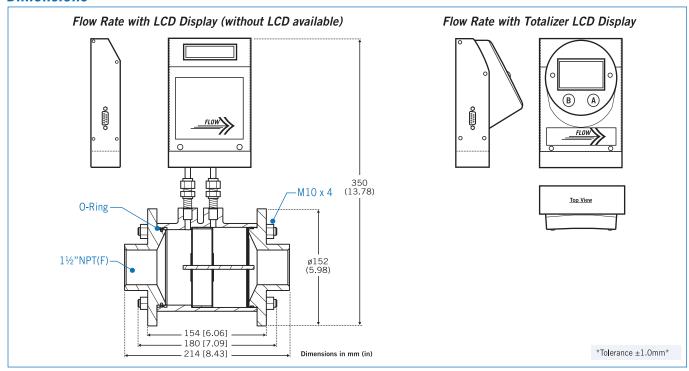
Range Table

Code	SLM	ACCURACY		
00	0-2500	±2.5% F.S.		
01	0-3000	±2.5% F.S.		
02	0-4000	±2.5% F.S.		
03	0-4500	±2.5% F.S.		
04	*Custom Flow Rate			

NOTE.

*Please noteice that the max, flow rate is 4500 SLM.

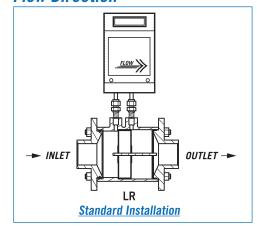
Dimensions



Ordering Information

OT GOTTI	Drueting iniviniation									
TGF	Code	Flow Range								
00 0~2500 SLM 01					1 0~3000 SLM 02		0~4000 SLM	03	0~4500 SLM	
	04	*Custom	om range (please directly fill in the requested range)							
		Code	de Wetted Parts Material							
		Α	SS316		0 0	option				
			Code	Process	Connection					
			1	1½"NF	NPT(F)		11/2	1½"BSP(F)		
				Code	Display	Display				
	W Flow Rate with LCD Display									
				B Flow Rate with LCD Display & Blue Back Lighted T Flow Rate with Totalizer LCD Display & Blue Back Lighted O Without LCD Display						
					Code Output Signal (1) 0~5 VDC (2) 4~20mA					
Code Input Power										
					(1) 24 VDC (2) 15 VDC					
							Code	Power Supply for 2	4 VDC	
								(1) With (2) With		
+	+	+	+	V	V	+	₩			
TGF								Complete Ordering	Code	

Flow Direction



- Please follow the direction of arrow "→" on the label to install.

 (As shown on the left is the standard installation.)
- If customer requires "Vertical ↑ or ♥" installation, please contact with the manufacturer when place an order.