

## SMGP Series

Metal Tube Flow meter for High-Pressure and Extreme Temperature

### ■ FEATURE

- Applicable to varied fluids such as liquids, gases, steam, etc.
- Can be used for high temperature and pressure fluids and their piping conditions
- Can be freely designed as front end/rear end depending on piping condition
- Easy to measure flow rates at low flow rates.
- Alarm and valve function (option)

### ■ APPLICATIONS

- ▶ Chemical and Other Process Industries
  - Additives (e.g. Catalysts, Surfactants, Foam-inhibitors, Emulsifiers)
  - Acids, Bases, Phosphates and Other Chlorides, Sulfuric Acid Substances
  - Condensate and Cooling Water
- ▶ Refinery & Gas Industry
  - Nitrogen, Flue Gas, etc.
- ▶ Machinery and Equipment (OEM Industry)
  - Coolant, lubricant, Air Supply
- ▶ Water Industry
  - Spray Oxygen on the Aeration Basin
  - Air injection to reduce iron content
- ▶ Power Plants and Nuclear Power Industry

## SMGP Series General Specifications

Size	6A (1/4") - 10A (3/8")
Process Connection	Screw (PT, NPT, PF)
Flow Ranges	Water - Over 0.15 L/h Air - Over 1.6 NL/h
Range Ability	10 : 1
Accuracy	±3.0 % F.S (Option ±1.5 % M.V)
Fluid Temperature	-80 °C ~ 200 °C
Max. Pressure	Max. 130 kgf/㎠.G
Display	Needle Type Gradation

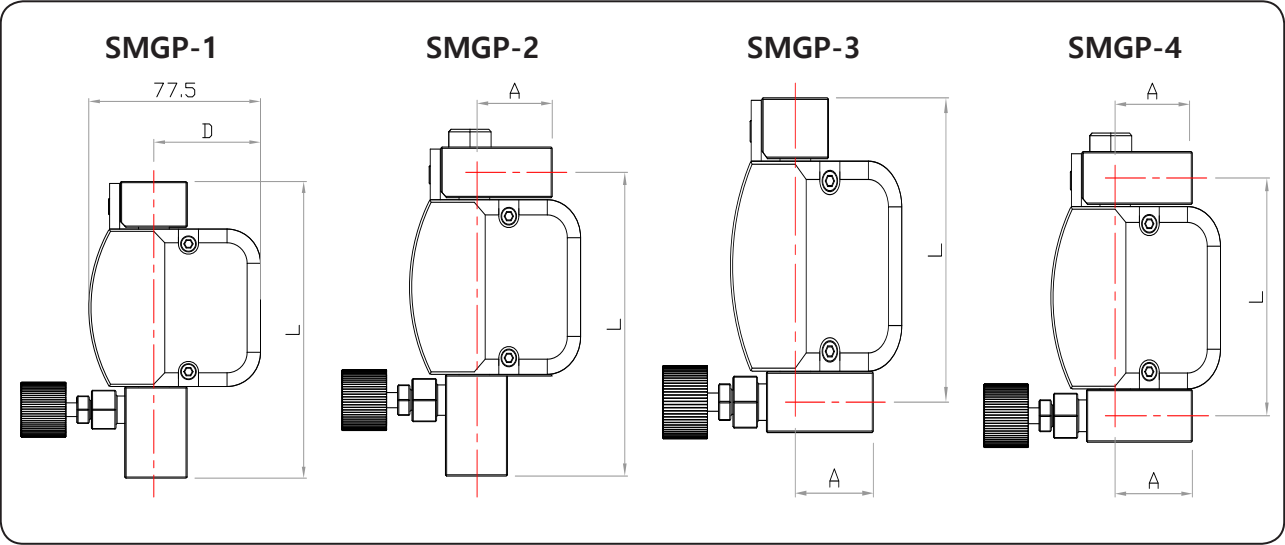
## MODEL CODE

S M G P	-	□	-	□	-	□	Specification
		1					Bottom to Top
		2					Bottom to Top side
		3					Bottom side to Top
		4					Bottom side to Top side
				A			Alarm Switch
				V			Valve
						F	Flange
						T	Screw

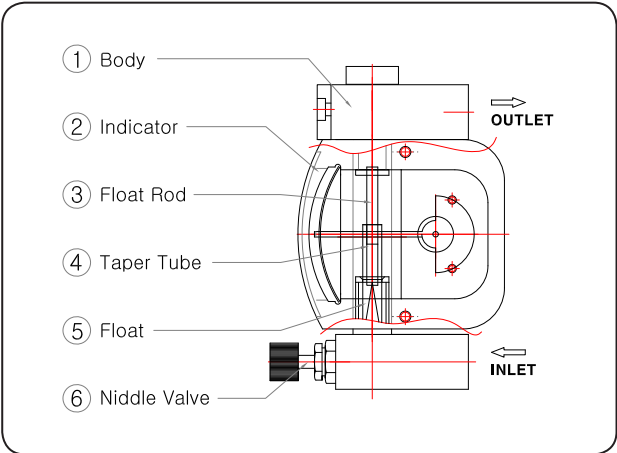
## FLOW RANGES & DIMENSIONS

Type	Length				Flow Ranges	
	W	A	D	L	Water (L/h)	Air (NL/h)
SMGP-1	41	-	48	130	Over 0.15	Over 1.6
SMGP-2		34		120		
SMGP-3		34		100		
SMGP-4		34	-	90		

DRAWING



STRUCTURAL DRAWING



√ Available customized Flow range / Length (L) / Material.

STANDARD MATERIAL

No.	Description	Material	
1	Body	304SS	316SS
2	Indicator	ALUMINUM	
3	Float rod	304SS	316SS
4	Taper tube	304SS	316SS
5	Float	304SS	316SS
6	Niddle valve	304SS	316SS