



MGP Series

Metal Tube Flow meter for High-Pressure and Extreme Temperature

■ FEATURE

- Valve function (option)
- 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.

■ 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

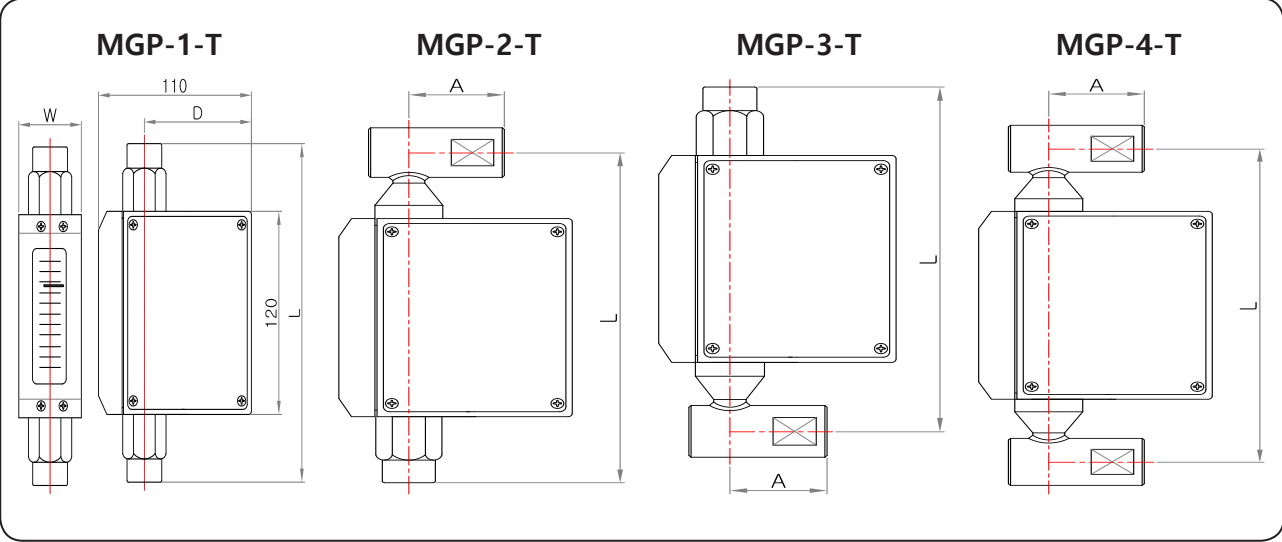
MGP Series General Specifications

Size	10A(3/8") ~ 200A(8")
Process Connection	KS/JIS/ASME/DIN Std Flange or Screw
Flow Ranges	Water - 0 L/h ~ 500 L/h Air - 30 NL/h ~ 9000 NL/h
Range Ability	10 : 1
Accuracy	±3.0 % F.S (Option ±1.5 % M.V)
Fluid Temperature	Max 80 °C (Option 350 °C)
Max. Pressure	Max. 30 kgf/cm².G (Option 200 kgf/cm².G)
Display	Needle Type Gradation

MODEL CODE

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

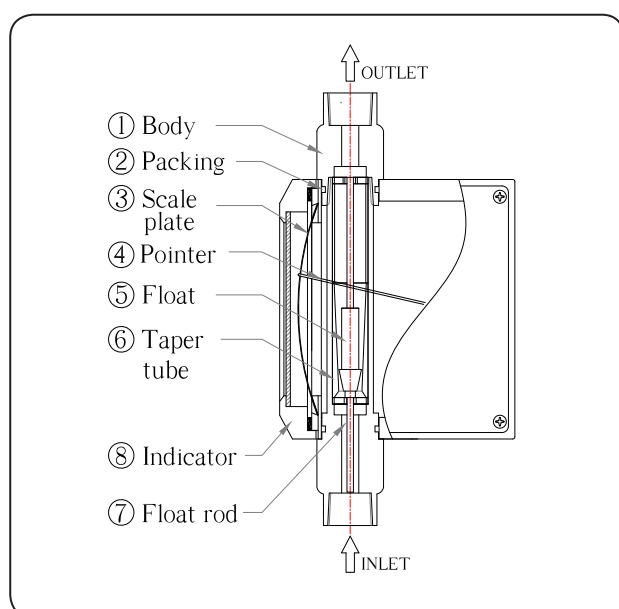
DRAWING



■ FLOW RANGES & DIMENSIONS

Connection Size		Length				Flow Ranges	
		W	A	D	L	Water (L/h)	Air (NL/h)
10A	PT 1/4 B	45	45	77	200	0 ~ 500 (Max 1,000)	30 ~ 9,000 (Max 30,000)
15A	PT 1/2 B						
20A	PT 3/4 B						
25A	PT 1 B		55	82			

■ STRUCTURAL DRAWING



■ STANDARD MATERIAL

No.	Description	Material	
1	Body	304SS	316SS
2	Packing	NBR, PTFE	
3	Scale plate	ALUMINUM	
4	Pointer	ALUMINUM	
5	Float	304SS	316SS
6	Taper tube	304SS	316SS
7	Float rod	304SS	316SS
8	Indicator	ACD12	