

# GLASS TUBE FLOW METER

GLASS TUBE FLOW METER

MODEL : CGA-S Series

## DESCRIPTION

### CGA Series : Glass Tube Flowmeter

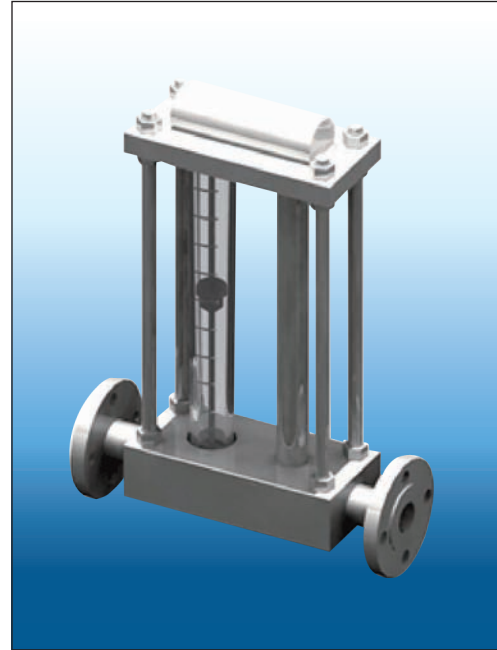
They can be used to measure the instantaneous flowrate of liquids or gases in various applications. Especially, CGA-S is designed to be installed into the horizontal lines and is suitable for measuring small flow range. You can choose the alarm as an option.

## FEATURES

- Measurement of small flow range
- For horizontal line

## OPTION

- Alarm (1 SPDT, 2 SPDT)
- Protective Cover



## FLOW CHART

FLOAT SIZE	Measuring Range				Pressure Loss mmH <sub>2</sub> O		Max. Pressure kgf/cm <sup>2</sup>	LENGTH (mm)
	LIQUID (m <sup>3</sup> /h)		GAS (Nm <sup>3</sup> /h)		H <sub>2</sub> O	AIR	kgf/cm <sup>2</sup>	
	SUS304	PVC	TEFLON	ALUMINUM SUS304				
15A	0.0005 - 0.005	0.05 - 0.5	0.3 - 3.0	0.3 - 3.0	100	20	10	220
	0.2 - 2	0.15 - 1.5	1.2 - 12	2 - 20				
20A	0.001 - 0.01	0.05 - 0.5	0.3 - 3.0	0.3 - 3.0	100	20	10	220
	0.2 - 2	0.15 - 1.5	2 - 20	3 - 30				
25A	0.002 - 0.02	0.1 - 1.0	1 - 10	1.5 - 15	200	30	7	250
	0.5 - 5	0.35 - 3.5	4 - 40	6 - 60				

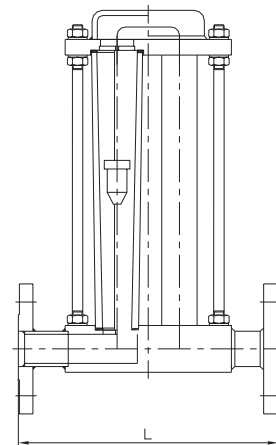
### STANDARD SPECIFICATION

* MEASURING	Liquids, Gas
* METER SIZE	15A(1/2") ~ 25A(1")
* MATERIAL	BODY : SUS304 / SUS316 / A105 FLOAT : SUS304 / SUS316 / SUS316L / PVC / TEFLON / ACETAL PACKING : NBR / VITON / EPDM / TEFLON TAPER TUBE : PYREX GLASS (Option : with protective cover) Other Materials on Request
* PRESSURE RATING	6 kgf/cm2 (Max)
* TEMPERATURE	120° C (Max)
* CONNECTION	Flange Connection (JIS / ANSI / DIN / other) Screw Connection
* ACCURACY	+/- 3.0% of FS (with Alarm : +/- 5.0% of FS)
* ALARM (Option)	1-SPDT , 2-SPDT (Reed Switch)
* CONTACT CAPACITY	250VAC 0.5A (Self Holding type)

### MATERIAL

PART LIST	MATERIAL		
Body	SUS304	SUS316	A105
Flange	SUS304	SUS316	A105
Float	SUS304/316/316L,PVC,TEFLON,ACETAL		
Taper Tube	PYREX GLASS (Option : with protective cover)		
Packing	NBR, VITON, EPDM, TEFLON		
Column	SUS304		
Nut	SUS304		

### DIMENSION



MODEL : CGA-S

### ORDERING CODE



CGA-S

Alarm

- N None
- 1 One Point Alarm (Reed Switch)
- 2 Two Point Alarm (Reed Switch)

BODY MATERIAL

- A SUS304
- B SUS316
- A1 A105
- O Other

CONNECTION

- J Frange : JIS 10K
- A Frange : ANSI 150#
- D Frange : DIN PN16
- P Screw : PT
- N Screw : NPT
- O Other

METER SIZE

- 15 15A (1/2")
- 20 20A (3/4")
- 25 25A (1")

FLOW DIRECTION TYPE

- 9 Bottom Side -> Bottom Side

GLASS TUBE FLOWMETER (Measuring small flow range/for the Horizontal line)