



## GSA-500 Series

Ultrasonic Flow meter  
Portable Clamp-on type

### ■ FEATURE

- Capable of measuring a variety of fluids including water, oil, and chemicals
- Application of ceramic sensor resistant to corrosion and high temperature.
- No piping cut required
- Capable of measuring fluids with low flow rate and low flow speed
- Low failure rate and no pressure loss thanks to no driving parts present
- Provides superb stability and accuracy for a long time
- Capable of providing outputs of varied signals outward
- Capable of measuring small to large flow rate

### ■ APPLICATIONS

- ▶ General application industry
  - Solving common flow-related problems
  - Verify and verify the flow rate of existing flowmeters
  - Troubleshooting and temporary replacement of existing meter problems
  - Process flow field validation
- ▶ Water industry
  - Leak control
  - Pump verification
  - Groundwater expedition check
- ▶ Nuclear Power Generation Industry
  - Cooling water
  - Water supplied to the boiler

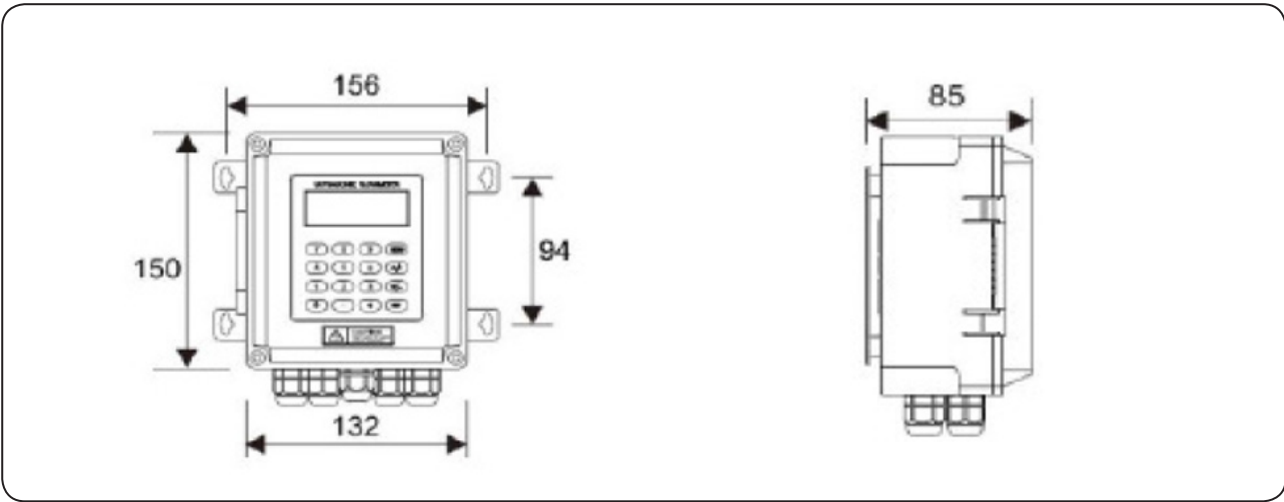
GSA-500 General Specifications

Size	15A - 6000A
Repeatability	≤0.2 %
Fluid	Most of Liquid
Accuracy	±1.0 % F.S
Fluid Temperature	-40 °C ~ 160 °C
Ambient Temperature	-40 °C ~ 80 °C
Max. Pressure	10 kgf/cm².G
Power Supply	AC 220 V / DC 24 V
Display	LCD Display (Flowrate, Totalizer, Flow Velocity, Total Time etc.)
Output	DC 4-20 mA, OCT Output, Relay

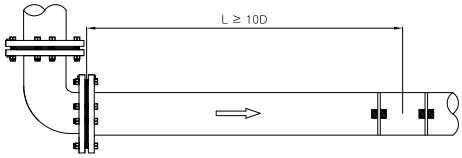
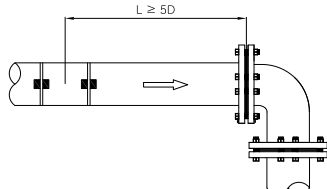
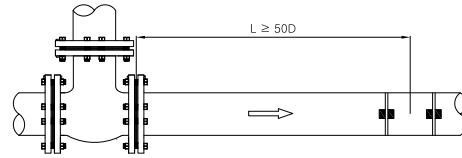
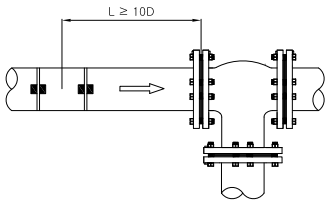
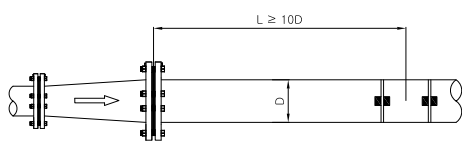
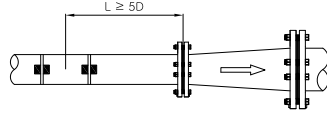
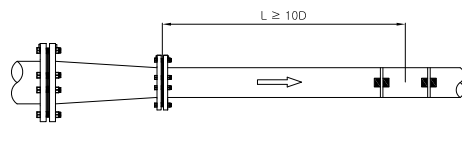
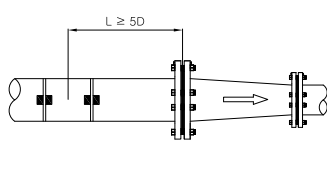
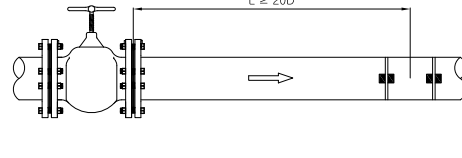
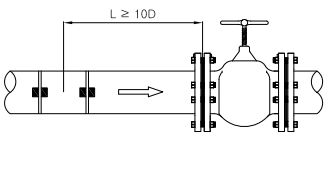
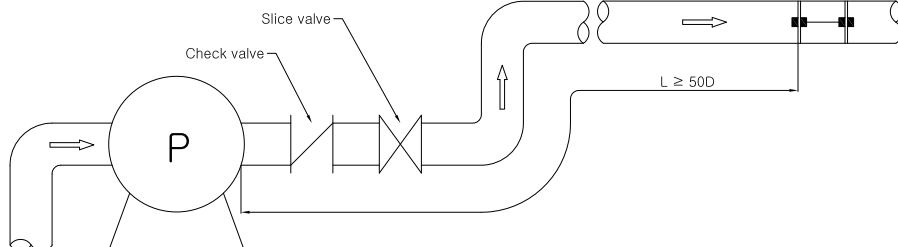
MODEL CODE

G S A - 5 0 0	-	□	Specification
		ST	Small pipe / 15A ~ 100A
		MT	Medium Piping / 50A ~ 1000A
		LT	Large piping / 300A ~ 6000A

STRUCTURAL DRAWING



# PIPING CONFIGURATION AND TRANSDUCER POSITION

Classification	Required upstream length	Required downstream straight length
90° bend		
Tee		
Expansion pipe		
Reducer		
Valve		
Pump		

\* D : Diameter of pipe