

Information require when choose a flow meter

In order to choose the right flow meter, the following informations require.
The more information we have, the more precize the flow meter we choose.

1) Liquid or gas flow meter require?

We have both liquid and gas flow meter.

2) What is the operationg and maximum flow rate require?

Example : normal operating flow rate $7\text{m}^3/\text{hr}$, maximum flow rate $8\text{m}^3/\text{hr}$ require. We will recommend a flow meter with flow range from $1 \sim 10\text{m}^3/\text{hr}$. If the normal operating flow rate $8\text{m}^3/\text{hr}$, maximum flow rate $9\text{m}^3/\text{hr}$ require, a flow meter with flow range from $1.6 \sim 16\text{m}^3/\text{hr}$.is recommended.

3) What is the liquid (media)?

Example : for water, the float will be calebrate with water. For oil, we will calebrate the float base on the the viscosity and the S.G. of the liquid.

4) What is the operating and maximum temperature of the liquid / gas (media)?

Example : For ambient or below 50°C liquid, flow meter with PMMA and ABS material and silicon seal can be use. For above 50°C , glass tybe flow meter with teflon seal is recommended.

5) How viscosity is the liquid (media)?

We will calebrate the float base on different viscosity .

6) What is the pH of the liquid / gas (media)?

For liquid with pH around $4 \sim 10$, PMMA and ABS material flow meter can be use. For high corrosive liquid like acid, glass tube flow meter with viton seal and viton coated float is recomended.

7) What is the operating pressure and maximum pressure require?

Different series of flow meter with different operating pressure will fulfill the requirement.

8) What is the connection type and size require?

Our flow meters come with different type of connector, and various sizes for wider choice.