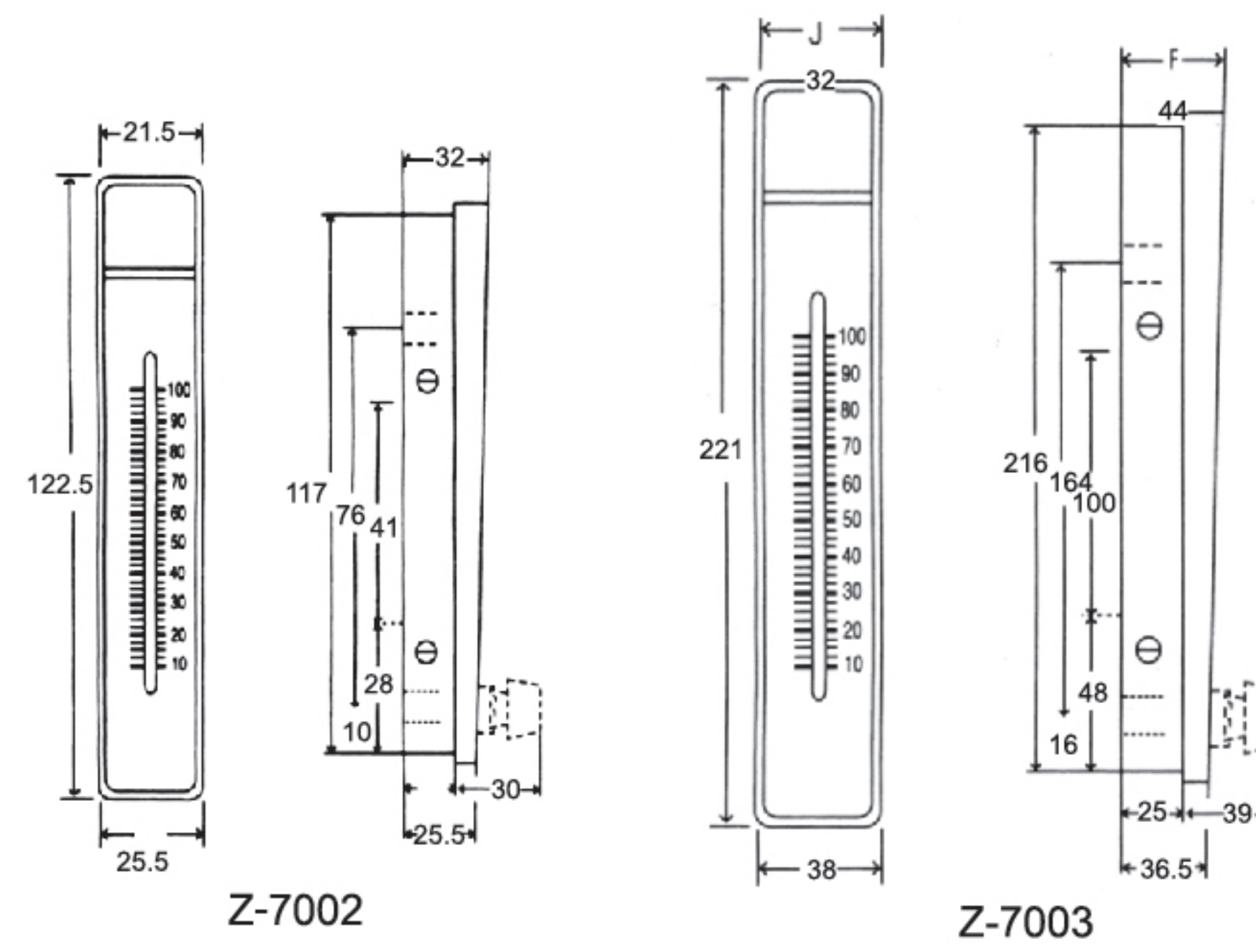


The Series Z-7000 Polycarbonate Flowmeter

Compact and easy to disassemble, convenient for maintenance, with clear reading



The Series Z-7000 Polycarbonate Flowmeter is a variable area flowmeter whose measuring tubes are made of PC polycarbonate plastic. As fluid passes through the pipe, the float suspends itself under the influence of fluid dynamics and gravity. The greater the fluid flow, the higher the float rises, allowing direct reading of the flow value from its position. With high transparency, impact resistance, and excellent chemical compatibility, this polycarbonate flowmeter becomes a preferred tool for laboratories, food & pharmaceutical industries, and measurement of corrosive media with small to medium flow rates. Its lightweight design, low cost, and ease of observation give it significant advantages in all applications.

FEATURES

- The rotor floats with the fluid, no mechanical wear, low maintenance costs, and a long service life.
- Lightweight and cost-effective, it provides an economical flow measurement solution.
- Installed vertically without requiring straight pipe sections.
- The transparent pipe allows for direct observation of the fluid status and rotor position, facilitating easy reading.

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

SPECIFICATIONS

Service	Compatible liquids or Gases
Material	PC Polycarbonate
Accuracy	±5%
Temperature Rating	0°C to 60°C
Pressure Rating	Less than 0.6MPa

MODEL CHART

Example	Z-70	02	-0.5GPM - 5GPM	
Series	Z-7000			Polycarbonate Flowmeter
Flow Range		02		Please refer to the technical specification
		03		Please refer to the technical specification
Connection			XXXXXXXX	Please refer to the technical specification

Specifications

Model	Measurement Range		Accuracy	Working conditions		Connection
	Liquid L/min	Air L/min		Pressure	Temperature	
Z-7002	0.3~1.5 1~2 1~3	50~500ml/min 250~2500ml/min 0.5~5 1~10 5~25 7~70 5~50 10~100	±5%	<0.6MPa	0 ~ +60°C	1/8"PTF
Z-7003	0.5~4 0.7~7 1~9	10~100 20~200 30~300				1/4"PTF