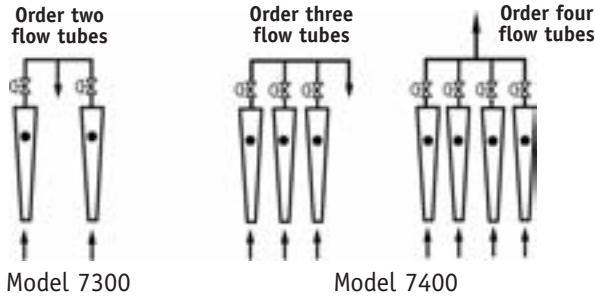


# SG 7300, SG 7400

The Model SG 7300 and SG 7400 Series Flowmeters are 150mm multi-tube flowmeter manifolds used for proportioning or mixing multiple gas streams. They are available in three basic configurations.

- Two gases in - One stream out (proportioner)
- Three gases in - One stream out (mixer)
- Four gases in - One stream out (mixer)



## FEATURES

- ☑ High resolution 150mm scale length
- ☑ Precision tapered, fluted metering tube
- ☑ Standard front panel mounting requires minimum hardware for easy installation and quick access
- ☑ Simplified, direct acting, nonrotating compression plug for quick and easy tube sealing
- ☑ Single tube unit

## SPECIFICATIONS

**Maximum Pressure:**  
200 PSIG

**Temperature Ranges:**  
20° to 250°F (-30° to 120°C)



Shown with optional base plate assembly

## MATERIALS

Wetted End Blocks,  
Fittings and Internal Parts . . .Aluminum, Brass, 316 stainless steel

Seal Materials . . . . .Buna-N or Viton – standard

Metering Tube . . . . .Borosilicate glass enclosed

Float Materials . . . . .Black glass and 316 stainless steel – standard

## ORDERING INFORMATION

SG 7300 -            x            -            x            -            xx            -            xxxx            -            xxx

SG 7400

MODEL NO.	END BLOCKS/ SEAL MATERIAL	VALVE TYPES	INLET/OUTLET CONNECTIONS	FLOW TUBE (CAPACITIES) AIR	OPTIONS
SG 7300	1) Aluminum with Buna-N Seals	1) Utility Valve on Inlet - std.* 2) Utility Valve on Outlet 3) High Accuracy Valve on Inlet	1) 1/8" NPT Female - std.* 2) 1/4" NPT Female 3) 1/8" Tube	1) 0.13-104 SCCM** 2) 6-60 SCCM** 3) 10-100 SCCM**	1) Base Plate Assembly P/N 4300320
SG 7400	2) Stainless Steel with Viton Seals	4) High Accuracy Valve on outlet	4) 1/4" Tube	4) 38-380 SCCM** 5) 88-880 SCCM**	

\* Standard units include valve on inlet and 1/8 FNPT connection  
\*\* Order one flow tube for each gas in (reference diagram above)

Note: To ensure that you receive the correct model for your application, please specify: Pressure (20 or 50 PSIG), Total Flow Rate, Percent of Each Gas