**Series GFC Gas Mass Flow Controllers**

Flow Range Up to 1000 L/min, Pressures Up to 500 psi, NIST Traceable

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**FLOW CONTROLLER SERIES GFC**

**Gas Mass Flow Controllers**

**Controllers**

Items are net priced and are not subject to any discount.

*Specified flow ranges are for an equivalent flow of nitrogen at 70°F (21°C) @ 760 mm Hg.

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**ACCESSORIES**

For Series GFC Gas Mass Flow Controllers

- Model GFC-110P, 110V Power Supply: $76.00
- Model GFC-2200P, 220V Power Supply: $87.50
- Model GFC-CBL1, 8 ft cable with 15-pin connector: $56.50
- Model GFC-CBL3, 3 ft extension cable for LCD readout: $31.50
- Model IO-1, 0-5 VDC to RS232 Input to Output Signal Conditioner: $244.00
- GFT-10C, Flow Totalizer with 5-10 VDC input for direct connection to GFM and GFC (replaces GFM/GFC LCD Process display): $227.00
- GFT-10C, Connection Cable for utilizing GFT-10 totalizer in conjunction with GFM/GFC LCD process display: $244.00

**SPECIFICATIONS**

- **Service:** Clean gases compatible with wetted parts.
- **Wetted Materials:**
  - GFC-1XXX: Anodized aluminum, brass, 316 SS and fluoroelastomer O-rings;
  - GFC-2XXX: 316 SS and fluoroelastomer O-rings.
- **Accuracy:** ±1.5% FS including linearity over 59 to 77°F (5 to 25°C) and 5 to 60 psia (0.35 to 4 bar).
- **Repeatability:** ±0.5% of full scale.
- **Response Time:** 2 seconds to within ±2% of actual flow.
- **Output:** Linear 0-5 VDC and 4-20 mA.
- **Max. Particulate Size:** 5 microns.
- **Temperature Limits:** 32 to 122°F (0 to 50°C).
- **Power Supply:** ±12 VDC.
- **Pressure Supply:** Up to 500 psi.
- **Process Connections:** 1/4” compression fitting for flow rates ≤75 L/m; 3/8” for 200 L/m; 1/2” for 500 L/m; 3/4” for 1000 L/min.
- **Pressure Limits:** 500 psig (34.5 bar).
- **Leak Integrity:** 1 x 10^-7 sccs of helium.
- **Display:** 90° tiltable, 3-1/2 digit.
- **Agency Approvals:** CE.

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**GFT-10C Process Display**

**Series GFC**

**Flow Totalizer** for applications requiring totalization. Series GFC includes a NIST traceable certificate.

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**Flow Range**

- 0-100 mL/m
- 0-200 mL/m
- 0-500 mL/m
- 0-1000 mL/m

**Model**

- GFC-1101
- GFC-1102
- GFC-1103
- GFC-1104
- GFC-1105
- GFC-1106
- GFC-1107
- GFC-1108
- GFC-1109
- GFC-1110

**Flow Rate**

- 0-10 mL/min
- 0-20 mL/min
- 0-50 mL/min
- 0-100 mL/min
- 0-200 mL/min
- 0-500 mL/min
- 0-1000 mL/min
- 0-2 L/min
- 0-5 L/min
- 0-15 L/min
- 0-30 L/min
- 0-50 L/min
- 0-100 L/min
- 0-200 L/min
- 0-500 L/min
- 0-1000 L/min

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**Mass Flowmeters/Controllers**

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**Model**

- GFC-1101
- GFC-1102
- GFC-1103
- GFC-1104
- GFC-1105
- GFC-1106
- GFC-1107
- GFC-1108
- GFC-1109
- GFC-1110

**Flow Range**

- 0-10 mL/min
- 0-20 mL/min
- 0-50 mL/min
- 0-100 mL/min
- 0-200 mL/min
- 0-500 mL/min
- 0-1000 mL/min

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**Process Connector**

- Compression Fitting
- Process Connector

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**Display**

- 90° tiltable, 3-1/2 digit.

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**Agency Approvals**

- CE.