



plasma process group

I-BEAM™ MFC6 Gas Flow Controller



Features

- touch screen with menu navigation
- control up to 6 mass flow controllers
- error and message display
- Ethernet and RS232 device communication

Applications

- ion beam assisted deposition batch coater
- ion beam source and neutralizer operation
- ion thruster research

Description

Plasma Process Group offers a gas flow controller that provides automation for up to 6 mass flow controllers (MFC). The user can adjust gas flow settings and calibration parameters with the menus that are navigated using the easy to read touch screen. The unit can be rack mounted in standard 19" cabinets.

Gas flow control can be performed manually from the front panel, or remotely through the RS-232 interface. Message and error windows display critical information to the operator.

Whether you're in a research or production environment, Plasma Process Group is committed to providing you with the best support possible. Help is never more than a phone call away (or email if you prefer). Our people have many years of experience with ion beam sources, systems, and applications, and we're happy to share that with you. Give us a call.

Specifications

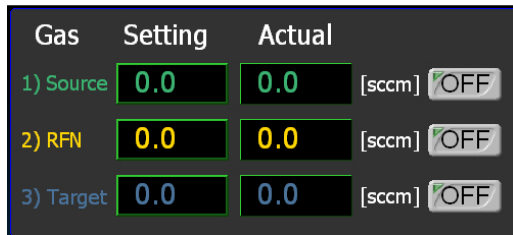
MFC 6

Rear panel view

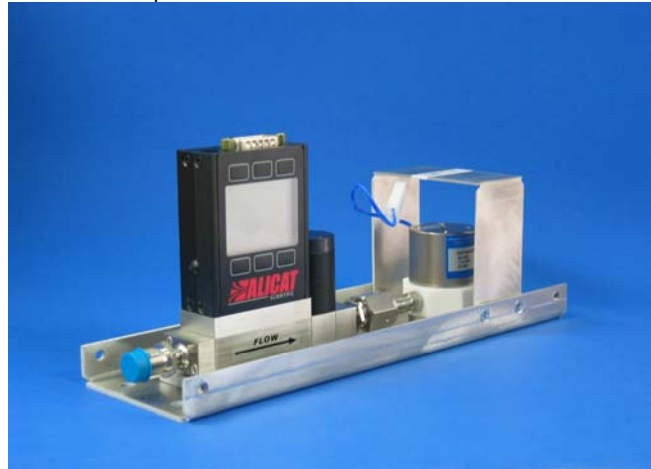


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|-------------------------------|---|
| Chassis | 19" rack mount, 3U height |
| size (width x height x depth) | 19" x 5.25" x 10" (4" display) 483 mm x 133 mm x 254 mm (102 mm display) |
| weight | 5 lbs (2.2 kg) |
| Power | 110 VAC, 2 A |
| Communication | Ethernet, RS232 |
| Supported devices | Alicat™ Scientific mass flow controllers |

Menu navigation



MFC with positive shut off valve



Ordering Information: Please contact us to configure a controller for your system.

I-BEAM™ 201 - I-Beam MFC 6 Controller

504910A - Gas Flow PKG-1, 1 mass flow controller with PSO and control readout (includes I-BEAM™ 201)

504911A - Gas Flow PKG-2, 2 mass flow controller with PSO and control readout (includes I-BEAM™ 201)

504912A - Gas Flow PKG-3, 3 mass flow controller with PSO and control readout (includes I-BEAM™ 201)

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