

SuperFlash[®] **POINTS** COMPRESSED GAS EQUIPMENT

SuperFlash's 2-Gas Adjustable Gas Mixers

DETAILS INSIDE!

PERFECT FOR:

MIG Welders

TIG Welders

**Any Technical
Gas User!**

- No external power source necessary
- Mixture can be adjusted instantly with one dial
- Low maintenance
- Covered with a one year warranty



Save Money and Get Better Shielding Gas With

The SuperFlash Mini-PGM 2-gas adjustable gas mixer allows users to mix their own gases at almost any ratio needed to fit their process requirements!

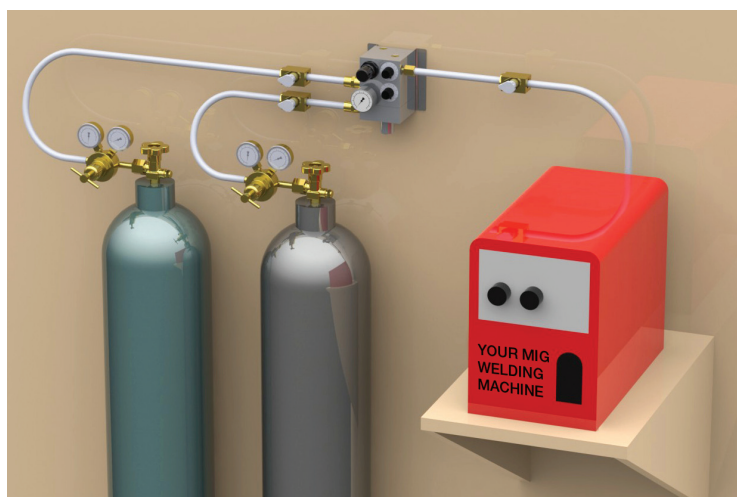
This means users are able to customize and use their own desired mixture, without having to purchase pre-mixed gases. Weighing 7.5 lbs and using less than 1 ft³ of space, the Mini-PGM is one of the most compact mixers available and will provide enough gas for eight (8) welding machines at approximately 40-50 SCFH per machine!

- **No external power source necessary**
- **Mixture can be adjusted instantly with one dial**
- **Low maintenance**
- **Covered with a one year warranty**

The Mini-PGM is available in a variety of 2-gas combinations including Ar/CO₂, Ar/He, Ar/O₂, N/O₂ and several others. We can configure a mixer to use with almost any technical or atmospheric gas – please contact us to request more information on a mixer designed to meet your specific gas needs.



MINI-PGM model
0801-4410 for Ar/CO₂



Wall mounted Mini-PGM setup to deliver mixed gases from separate cylinders.

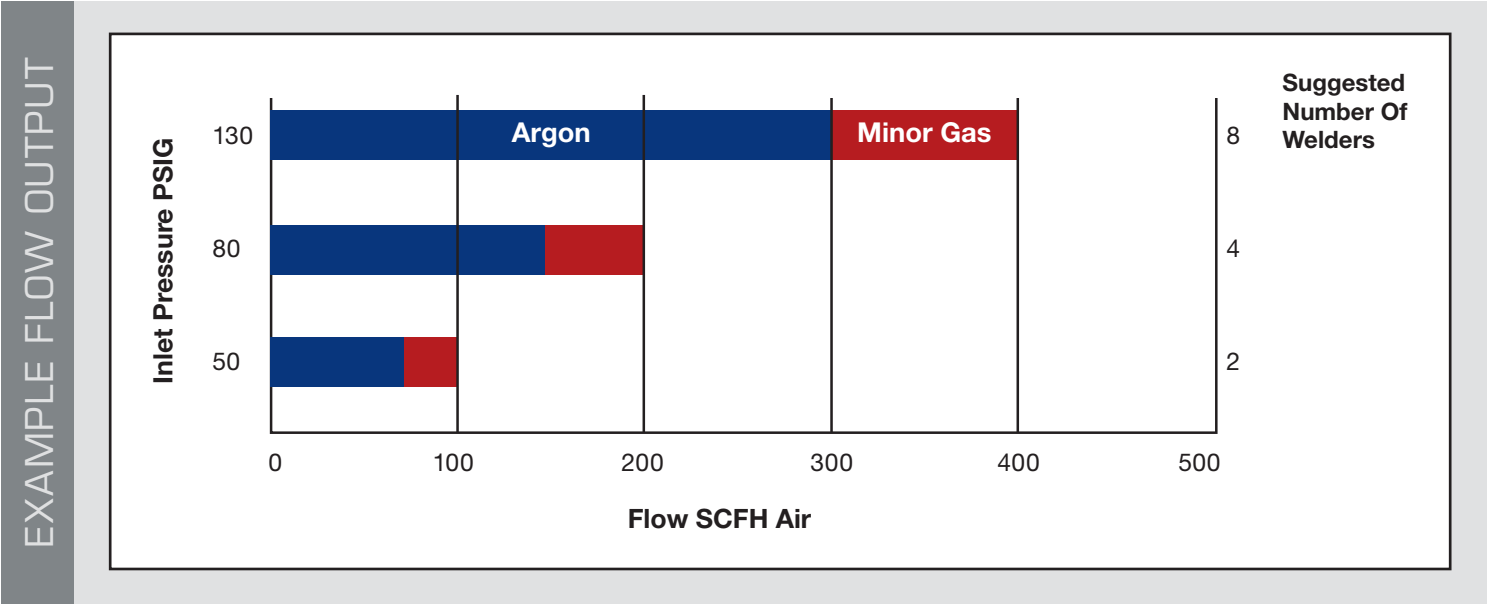
Technical Data:

Argon/CO ₂	0801-4410
Argon/Helium	0801-4420
Argon/Oxygen	0801-4430
Use Location	Indoors
Operating Temperature	20°F to 100°F (-7°C to 38°C)
Storage Temperature	0°F to 120°F (-18°C to 49°C)
Weight	7.5 lbs
Gas Inlet Temperature Range	4°F to 113°F
Inlet Pressure Range	36 PSIG to 145 PSIG
Difference Between The Gas Inlet Pressures	Max 43 PSI
Gas Inlet/Outlet Ports	1/4" NPT (F)

Example Pressure Settings:

Gas Inlet Pressure	80 psig
Operating Pressure	58 psig (should be at least 22 psi below inlet pressure)
Max mixed gas flow output	216 SCFH @ 22 psig outlet pressure (mixed gas flow valve at 100%)
Min mixed gas flow output	43.2 SCFH @ 22 psig outlet pressure (mixed gas flow valve at 20%)

With SuperFlash's 2-Gas Adjustable Gas Mixer



Make your gas customer more productive... before your competitor does.

Cost savings can range from 10 to 15% or more, depending on how gas is purchased — **just by mixing on site**. A SuperFlash gas mixer can pay for itself in a matter of months, or even quicker when gas is purchased in bulk. Take a look below for some example cost savings.

ESTIMATED SAVINGS

Estimated savings based on purchase of 'T' size C-25 vs. purchase of 'T' size Argon and 50 lbs. tank of CO ₂						
Number of Welders	Weekly Usage (ft ³)	C-25 Cylinders Used Per Week	Pre-mixed Cost	Self-mixed Cost	Weekly Savings	Annual Savings
2	1600	4.2	\$214.74	\$184.80	\$29.94	\$1,556.72
5	4000	10.5	\$536.84	\$462.00	\$74.84	\$3,891.79
8	6400	16.8	\$858.95	\$739.20	\$119.75	\$6,226.86
10	8000	21.1	\$1,073.68	\$924.00	\$149.68	\$7,783.58
15	12000	31.6	\$1,610.53	\$1,386.00	\$224.53	\$11,675.37

Assumptions:

- 40 SCFH usage per welder
- Cost of Ar = \$13.40/100ft³
- C-25 Tank refill = \$51
- 50% usage cycle over 40 hour week
- Cost of CO₂ = \$.516/lb

Argon/CO₂ Gas Mixer
(#0801-4410)
User adjustable from 0-100% CO₂ in Argon.
Offers air flow rates of over 400 ft³/hr.

Argon/Helium Gas Mixer
(#0801-4420)
User adjustable from 0-100% Helium in Argon. Offers air flow rates of over 400 ft³/hr.

Argon/Oxygen Gas Mixer
(#0801-4430)
User adjustable from 0-100% Oxygen in Argon. Offers air flow rates of over 400 ft³/hr.



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Flashback Arrestors

We offer one of the broadest lines of flashback arrestor products in the industry. You can find flashback arrestors for CGA "A" size torches for jewelers, plumbers, and home craftsmen all the way up to CGA "C" size and 2" NPT manifold flashback arrestors.



Quick Connectors

Like flashback arrestors, we offer one of the broadest lines of quick connector products in the industry. You can find quick connectors with and without built-in flashback arrestors which are ideal for virtually any application.



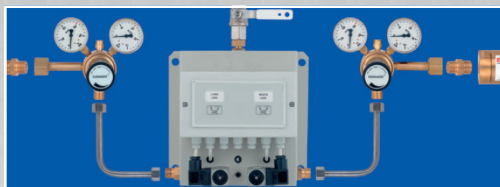
Thermal Spray

We can supply high quality and complete flame spraying solutions for small to medium sized companies. Our thermal spray products are all completely certified and top of the line, available in several convenient packages.



Custom Heating Solutions

We can provide the optimal heating solution for your application. View the numerous heating options in our custom heating section and complete the custom heating application questionnaire online at www.oxyfuelsafety.com.



Gas Manifolds

Part of our complete solution to custom heating applications or as a stand-alone gas manifold system. See inside for a complete range of gas manifold systems for high pressure and cryogenic (vapor) manifold systems, including manifolds designed to meet tough U.S. and European safety norms (BAM, DIN, ISO).



Oxygen and Nitrogen Filling

Our liquid to gas systems make filling cylinders faster and safer, and in compliance with the latest safety and regulatory requirements. There are more of our liquid to gas systems used every day than any other supplier. Let us show you how to increase your revenue and lower your costs.

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