

# GAS CARTRIDGE

REGULATORS & ADAPTERS



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**AMERICAN MADE.  
INNOVATIVE.  
RELIABLE.  
ECONOMICAL.  
PREMIER.**

# PREMIER GAS CARTRIDGE REGULATORS & ADAPTERS

## INNOVATIVE SOLUTIONS FOR DISPOSABLE GAS CARTRIDGE APPLICATIONS

We manufacture and test all of our equipment to meet rigid industry specifications while keeping in mind the distinctive needs and expectations of our customers. We are excited about the endless possibilities for disposable gas cartridge regulators and have been perfecting our cartridge regulator designs for over 7 years.

## WE'RE EXPERIENCED AND RESPONSIVE.

Our customers know that if they have a question, they can pick up the phone and give us a call. No automated messaging systems here. We have a team of engineers with over 100 years of regulator design experience ready to assist you. We are always pushing for more sophisticated processes, working on leading-edge designs, while striving to remain personable and responsive.

## YOUR PARTNER IN INNOVATION AND DESIGN

If you do not see a standard Premier model that suits your needs, please contact us; we would be happy to help you with a custom design or modification.

Our regulators are offered in a variety of materials (with varying weights, strengths, degrees of corrosion resistance, etc.), flow capacities, and inlet/outlet pressure ranges. Premier regulators provide maximum versatility and compatibility for your application.

## VERTICALLY INTEGRATED LOW-OVERHEAD MANUFACTURING

From engineering to programming and testing, we are proud to be a vertically integrated company that has the ability and means to produce high quality, American made products from concept to completion.

**INNOVATIVE SOLUTIONS  
FOR DISPOSABLE GAS  
CARTRIDGE APPLICATIONS.**



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Robust stainless steel piercing tips

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Integrated relief valves

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Adjustable and preset outlet pressures

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Designs for both threaded and unthreaded gas cartridges

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COMPATIBLE THREADED  
CARTRIDGES:

- 3/8-24 UNF
  - 7/16-20 UNF
  - 1/2-20 UNF
  - 5/8-18 UNF
  - 5/8-18 UNF extra long
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COMPATIBLE UNTHREADED  
CARTRIDGES:

- 16g CO2
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Premier piercing adapters thread into any 1/4" or 1/8" FNPT port, enabling the use of threaded and unthreaded gas cartridges with a wide variety of Premier regulators.

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COMMON CARTRIDGE GASES:

Carbon dioxide, argon, nitrogen gas, helium, air, and nitrous oxide

## 2300C SERIES



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
<ul style="list-style-type: none"><li>• Designed for a range of threaded gas cartridges</li><li>• Cup adapter for unthreaded gas cartridges</li><li>• Robust stainless steel piercing tip</li><li>• Integrated relief valve</li><li>• Adjusting knob with locking nut</li></ul>	3500 psig / 241.3 bar	Cv: 0.04	6061-T6 Aluminum, Clear Anodized  SAE 360 Brass

## 2310C SERIES



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
<ul style="list-style-type: none"><li>• Designed for a range of threaded gas cartridges</li><li>• Cup adapter for unthreaded gas cartridges</li><li>• Robust stainless steel piercing tip</li><li>• Integrated relief valve</li><li>• Adjusting knob with locking nut</li><li>• Stable delivery pressure as the compressed gas source drains.</li></ul>	3000 psig / 206.8 bar	Cv: 0.025	6061-T6 Aluminum, Clear Anodized  SAE 360 Brass



## PIERCING ADAPTERS



## FEATURES

- Stainless steel piercing tip
- 1/4" or 1/8" MNPT outlet connection
- Compatible with various threaded and unthreaded gas cartridges
- Polyurethane cartridge seal

## BODY MATERIAL

303 Stainless Steel

## CUP ADAPTER



## FEATURES

- Stainless steel piercing tip
- 1/4" outlet connection
- Compatible with 16g unthreaded gas cartridges
- Aluminum diamond knurled cup

## BODY MATERIAL

303 Stainless Steel

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