



## 5237 Point-of-Use Regulator

The 5237 Point-of-Use Regulator is designed to control argon or helium shielding gas flow in laser welding applications. The regulator/flowmeter combination provides precise flow control while maintaining the purity of the gas, making the 5237 the right choice for plasma suppression and shielding.

### Advanced Features

- **Chrome-Plated Brass Body**  
Economical high purity design
- **316L Stainless Steel Diaphragms**  
No inboard gas diffusion
- **Dual Range Flow Control**  
Argon and Helium flow scales
- **High Inlet Pressure Design**  
Flexible gas sources
- **Precision Metering Valve**  
Precise flow control
- **Capsule® Seat Assembly**  
Increased life and serviceability



806-5237 shown

Laser Welding Supply

### Applications

#### CO<sub>2</sub> Laser Welding

Helium flow control 30-200 SCFH

#### Nd:YAG Laser Welding

Argon flow control 10-60 SCFH

### Materials

#### Body

Chrome-plated brass barstock

#### Bonnet

Chrome-plated die cast zinc

#### Seat

PTFE (3,000 PSIG max inlet)

#### Filter

10-micron sintered bronze

#### Diaphragm

316L stainless steel

#### Internal Seals

PTFE

### Specifications

#### Maximum Inlet Pressure

3,000 PSIG (210 BAR)

#### Temperature Range

-40 to 140°F (-40 to 60°C)

#### Ports

1/4" Compression fitting inlet

1/8" Compression fitting outlet

#### Flowtube (CFH)

10 - 60 CFH Argon

10 - 200 CFH Helium

#### Weight

4.4 lbs. (2 kg)

### Ordering Information

| Series   | A                                |
|----------|----------------------------------|
| 806-5237 | Point of Use Regulator Flowmeter |
| 835-0204 | Rear Mounting Bracket Kit        |