

# 5237 SERIES

## 5237 SERIES 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

8065237-01-1 shown

### Applications

**CO2 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 3000 PSIG (210 BAR) max inlet
- Filter**  
10-micron sintered bronze
- Diaphragm**  
316L stainless steel

### Specifications

- Maximum Inlet Pressure**  
3000 PSIG (210 BAR)
- Temperature Range**  
-40°F to 140°F (-40°C to 60°C)
- Ports**  
1/4" stainless steel compression fitting (inlet)  
1/8" stainless steel compression fitting (outlet)
- Flowtube**  
10-60 SCFH  
30-200 SCFH
- Weight**  
4.4 lbs. (2 kg)

### Ordering Information

Part Number	Description
8065237-01-1	Point-of-User Regulator Flowmeter
8350204	Rear Mounting Bracket Kit