

# VICTOR<sup>®</sup>

## THE GLOBAL LEADER IN SPECIALTY GAS CONTROL

# 99.99999%

### End-User/Application Driven Design

- Aesthetic, compact, ergonomic designs
- Machined barstock body reduces wetted surface thereby saving gas
- Designed for quick configurations to meet customers needs
- Panel mount incorporated into all models
- Variable porting arrangements

### Global Requirements

- Engineered to meet more stringent bar inlet pressure requirements
- ISO 2503, CGA E-4

### Improved Gauge Design

- Snap-on tamper proof lens
- Bar/PSI units most accepted worldwide

### Superior Quality Manufacturing

- ISO Class 7.0 Cleanroom, ISO Class 8.5 Cleanroom (Assembly Area)
- Automated assembly and testing
- Precision optical (non-contact) inspection

### Comprehensive Product Offering

- Chem Master 6.0 (corrosive & toxic gases included)
- Spec Master 6.0
- Lab Master 5.0
- Tech Master 4.5



[VictorSpecialtyGasControl.com](http://VictorSpecialtyGasControl.com)

**Chem Master  
SG600 SERIES**  
High Purity – 6.0



**Spec Master  
HP600 SERIES**  
High Purity – 6.0



### CHEM MASTER SG600 SERIES SPECIFICATIONS

Maximum Inlet Pressure	Up to 300 bar (4350 psig)		
Helium Leak Integrity	1 X 10 <sup>-8</sup> scc/sec		
Flow Coefficient	SGS / SGL	SGT	Diaphragm Regulator
	C <sub>v</sub> =0.094	C <sub>v</sub> =0.078	
Flow Coefficient	C <sub>v</sub> =0.088	C <sub>v</sub> =0.072	Piston Regulator
	Materials		
	Body - 316L Stainless Steel		
	Bonnet - Nickel Plated Brass Barstock		

### SPEC MASTER HP600 SERIES SPECIFICATIONS

Maximum Inlet Pressure	Up to 300 bar (4350 psig)		
Helium Leak Integrity	1 X 10 <sup>-8</sup> scc/sec		
Flow Coefficient	HPS / HPL	HPT	Diaphragm Regulator
	C <sub>v</sub> =0.094	C <sub>v</sub> =0.078	
Flow Coefficient	C <sub>v</sub> =0.088	C <sub>v</sub> =0.072	Piston Regulator
	Materials		
	Body - Nickel Plated Brass Barstock		
	Bonnet - Nickel Plated Brass Barstock		

**Lab Master  
LG500 SERIES**  
High Purity – 5.0



**Tech Master  
GP400 SERIES**  
High Purity – 4.5



### LAB MASTER LG500 SERIES SPECIFICATIONS

Maximum Inlet Pressure	Up to 300 bar (4350 psig)	
Flow Coefficient	LGS / LGL	LGT
	C <sub>v</sub> =0.094	C <sub>v</sub> =0.078
Materials		
	Body - Nickel Plated Brass Barstock	
	Bonnet - High Strength Alloy	

### TECH MASTER GP400 SERIES SPECIFICATIONS

Maximum Inlet Pressure	Up to 300 bar (4350 psig)	
Flow Coefficient	GPS / GPL	GPT
	C <sub>v</sub> =0.094	C <sub>v</sub> =0.078
Materials		
	Body - Brass Barstock	
	Bonnet - High Strength Alloy	