



AN ESAB® BRAND

Tech Master GPS400 Series

4.5 Purity Single Stage Brass Barstock Diaphragm Cylinder Regulator



The Tech Master GPS400 Series single stage diaphragm cylinder regulators are designed for primary pressure gas control of non-corrosive or toxic, technical gases up to grade 4.5 purity (99.995%), on applications where slight variation from decreasing cylinder pressure is acceptable.

■ **GPS400 Series** | Single Stage Diaphragm Cylinder Regulator

★ FEATURES

- Five port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Base and side entry

📄 MATERIAL

■ Body	Brass Barstock
■ Bonnet	High Strength Alloy
■ Diaphragm	Polychloroprene (Neoprene®) (CR)
■ Valve Seat	Polyamide (Nylon®)
■ Filter	10 Micron 316L Stainless Steel

👍 SPECIFICATION

■ Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
■ Delivery Pressure Range	1.5 bar (22 PSI) 3.5 bar (50 PSI) 6 bar (90 PSI) 10 bar (150 PSI)
■ Gauges	50mm (2") Diameter
■ Ports	1/4" NPT Female
■ Temperature Range	-20° C to +60° C (-4° F to +140° F)
■ Flow Coefficient (Cv)	0.1
■ Weight	1.2 kg (2.7 lbs) ** EN ISO 2503 Compliant

* Subject to cylinder connection – ** Cylinder connection not included

✓ FLOW PERFORMANCE



