

GASARC™

AN ESAB® BRAND

SPEC MASTER HPD6000 SERIES

6.0 Purity Two Stage Nickel Plated Brass Barstock Diaphragm Differential Autochange Gas Control Panel

The Spec Master HPD6000 series two stage differential autochange control panels are designed for primary pressure gas control of non-corrosive or toxic, high purity gases up to grade 6.0 purity (99.9999%), on gas distribution systems where constant delivery pressure is required.

- **HPD6041 Series** | Two Stage Twin Cylinder Diaphragm Differential Autochange Gas Control Panel, FKM Seal, FFKM Pressure Relief Valve
- **HPD6042 Series** | Two Stage Twin Cylinder Diaphragm Differential Autochange Gas Control Panel, EPDM Seal, FFKM Pressure Relief Valve



★ FEATURES

- High pressure isolation valves
- High pressure purge facility
- Two stage pressure regulation
- Process line isolation valve
- Encapsulated seat design
- Twin cylinder configuration

📄 MATERIALS

Body	Nickel Plated Brass Barstock
Bonnet	Nickel Plated Brass Barstock
Diaphragm	316L Stainless Steel
Seal	PTFE
Seat	PCTFE
Filter	10 Micron 316L Stainless Steel

* Subject to cylinder connection. **** Subject to final configuration.

👍 SPECIFICATION

Maximum Inlet Pressure	60 bar (870 PSI) / 300 bar (4350 PSI)*
Delivery Pressure Range	3.5 bar (50 PSI) / 6 bar (90 PSI) / 10 bar (150 PSI)
Gauge	50mm (2") Diameter
Ports	¼" NPT Female
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Flow Coefficient (Cv)	0.078
Helium Leak Integrity	1x10 ⁻⁹ mbar l/s
Weight	8.00kg (17.64 lbs)****

✓ FLOW PERFORMANCE



