

DS1000

Western Innovator DS1000 Digital Manifolds provide fully automatic system control. An Integrated Circuit Board monitors cylinder bank pressure electronically, controlling changeover and eliminating the need to manually reset

levers or valves. Easy-to-read digital displays show the delivery and individual bank pressures. A series of lights for each bank indicates whether the bank is "in service", "ready for use", or "bank depleted".

specifications

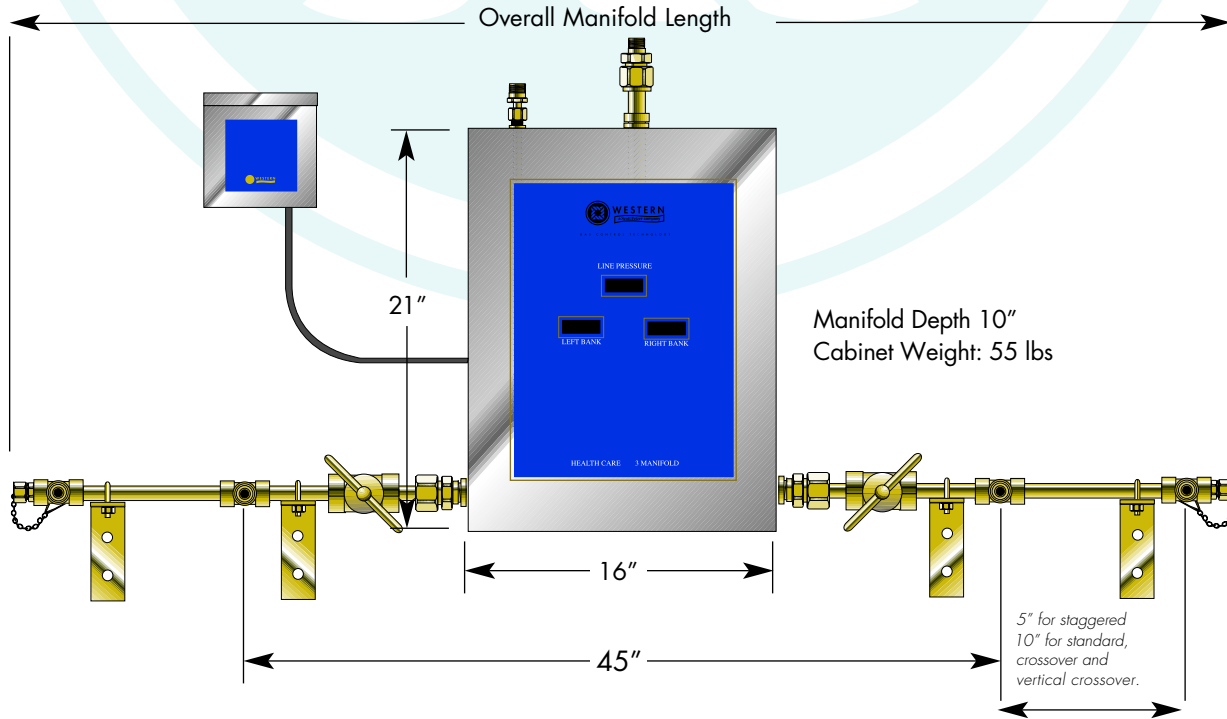
- Fully Automatic Digital System—no levers to reset
- CSA Approved Power Source included
- LED Indicators provide system status for each bank. Lights will indicate "in service", "ready for use", or "bank depleted"
- Large digital display provides constant readout of bank pressure and delivery pressure
- Displays readout in psig, kPa or Bar
- Micro controller monitors all functions and controls changeover
- Maximum Inlet pressure: 3000 psig (2000 psig for DS1000HL)
- Delivery Pressure:
 - DS1000 40–100 psig
 - DS1000HL 40–100 psig
 - DS1000HP 100–190 psig
- Maximum Flow:
 - DS1000 2000 scfh
 - DS1000 (CO₂ & N₂O) 35 scfh
 - DS1000 HL 500 scfh
 - DS1000HP (CO₂ & N₂O with heater) 2500 scfh
- Manifold Outlet: 1/2" NPT male
- Relief Valve Outlet: 1/2" NPT male
- 1/2" brass, silver brazed headers
- 24" flexible stainless steel braided pigtailed with check valves
- Connects to remote alarm systems (Up to 3 amps 30 VDC or 2 amps 250 VAC)



HOW TO ORDER

To Order: Specify—Model # (V)—Gas Service (W)—# of			
MODEL # (V)	GAS SERVICE (W)		# OF CYL'S (X)
DS1000 (40–100 psig)	(2)	Air CGA-346	
DS1000HL (40–100 psig) (For CO ₂ and N ₂ O -includes 500 scfh heater)	(3)	Argon CGA-580	
	(4)	Carbon Dioxide CGA-320	
DS1000HP (100–190 psig)	(5)	Helium CGA-580	
	(7)	Nitrogen CGA-580	
	(8)	Nitrous Oxide CGA-326	
	(9)	Oxygen CGA-540	

DS 1000 series



Example: DS1000-9-4=Oxygen (9=CGA-540) Manifold for 4 cylinders

*Not for hospital applications. Does not meet NFPA-99 requirement for hospital use.
See Western Innovator model FHM2, Fully Automatic Changeover Manifold.*

Cylinders (X)-Header Configuration (Y)-Mounting (Z)		
	HEADER CONFIGURATION (Y)	MOUNTING (Z)
	BLANK -Standard 10" on Center S -Staggered 5" on Center V -Vertical crossover 10" on Center C -Crossover (Floor Mount Only) Standard 10" on Center	BLANK = Wall mount F = Floor mounted (Floor Stand option required with Crossover option)

