



BEVERAGE PRODUCT OFFERING



HARRIS HAS OVER 100 YEARS OF EXPERIENCE IN GAS HANDLING AND DELIVERY SYSTEMS.

WE ARE ABLE TO OFFER AN EXPANSIVE LINE OF PRODUCTS, INCLUDING REGULATORS AND AUTO-SWITCHOVER SYSTEMS SPECIFICALLY DESIGNED FOR CRAFT BEER PRODUCTION AND BEVERAGE DISPENSING.

INCLUDED HERE IS A SELECTION OF PRODUCTS IDEALLY SUITED FOR TYPICAL APPLICATIONS IN AND AROUND CRAFT BEER MAKING AND PRODUCTION. CONSULT THE HARRIS TECHNICAL SERVICES TEAM WITH QUESTION ABOUT OTHER REQUIREMENTS AND TO DETERMINE THE SYSTEM COMPONENTS BEST SUITED TO YOUR APPLICATION.

- CYLINDER REGULATORS
- LINE (POINT OF USE) REGULATORS
- AUTOMATIC SWITCHOVER SYSTEMS
- TELEMETRY SYSTEMS

COUNT ON THE HARRIS PRODUCTS GROUP FOR GAS EQUIPMENT USED IN BREWING PROCESSES INCLUDING NITROGEN, CARBON DIOXIDE, SULFUR DIOXIDE, AND OTHER BEVERAGE GAS PRODUCTS. IN ADDITION, YOU CAN ALSO COUNT ON HARRIS FOR GAS EQUIPMENT USED IN DISPENSING SYSTEMS FOR WINE, BREWING COFFEE AND REGULATORS FOR BARREL GASSING SYSTEMS. HARRIS CONTINUALLY IMPROVES AND DEVELOPS NEW EQUIPMENT FOR THE BEVERAGE INDUSTRY. YOU CAN RELY ON OUR EXPERIENCE TO HELP YOU SELECT AND DEPLOY THESE TOOLS. OUR DEDICATED TEAM IS TACKLING TODAY'S CHALLENGES, FOCUSING ON HELPING CUSTOMERS IMPROVE THEIR PRODUCTIVITY, PROFITABILITY AND QUALITY.

CO₂ & NITROGEN BEVERAGE REGULATORS

MODEL 201



DETAILS:

Body Material: Brass

Max Inlet Pressure: 3000 PSI

Delivery Pressure Range: up to 100 PSI

Certifications: CGA E-4

Weight: 2 - 3 lbs

Gas Service: CO₂ (CGA 320) and Nitrogen (CGA 580)

Outlet: 3/8" Barb or 1/4" Flare w/ Integral check valve

Seat: PTFE

MODEL 201 & 801 BEVERAGE REGULATORS

PART #	GAS SERVICE	CGA CONNECTION	OUTLET FITTING	DELIVERY PRESSURE	APPLICATIONS
3001994	CO ₂	320	1/4" Flare w/ CV	100	Beer, CO ₂ , Wine, Nitrogen, Primary Regulator, Cylinder Mount
3002260	CO ₂	320	Valve w/Hose Barb	100	
3001995	Nitrogen	580	1/4" Flare w/ CV	100	
3002262	Nitrogen	580	Valve w/Hose Barb	100	
3004600	Nitrogen	320	Valve w/Hose Barb	30	
3004601	Nitrogen	580	Valve w/Hose Barb	30	

BEVERAGE SWITCHOVER

COMPACT FOOD GRADE

MODEL SG-900BR AUTOMATIC HIGH PURITY SWITCHOVER MANIFOLD



DESCRIPTION:

The **SG-900BR** automatic high purity switchover manifold prevents downtime by automatically switching gas supply from the primary cylinder(s) to the reserve cylinder(s). Its compact design and stainless steel mounting bracket allows the manifold to be installed with ease. The two stage pressure control allows users to receive a constant pressure and flow, eliminating the need for “in-shift” gas change-outs and minimizing lost product upon cylinder change-out/startup. The SG900BR manifold is also available in a helium version for balloon filling stations.

FEATURES:

- With 2 primary cylinders and one reserve cylinder standard - “Never run out of gas supply again!”*
- All manifolds and pigtails are helium leak tested
- Equipped with stainless steel pigtails with check valves and a stainless steel mounting bracket
- Pre-set delivery pressures (can be slightly adjusted in the field)
- Hand-tight cylinder connections - no wrenches
- Expandable system, cylinders can be added to expand system in the future

BENEFITS:

- More cost effective than micro bulk with a fraction of the upfront costs
- Eliminate emergency deliveries
- Constant supply of gas flow without interruption
- Organized cylinder area for safer storage

ORDERING INFORMATION - BASE UNIT 2 x 1 MANIFOLD

PART#		
4700588	320 - CARBON DIOXIDE	STANDARD UNIT: HAS 2 PRIMARY CYLINDERS ON THE RIGHT SIDE AND 1 RESERVE CYLINDER ON THE LEFT SIDE
4700589	580 - NITROGEN/MIXES	
4700587	580H - HELIUM	

OPTIONAL ACCESSORIES

PART#		
9103771	320 - CARBON DIOXIDE	OPTIONAL ADDERS: INCLUDES A TEE AND PIGTAIL. SYSTEM IS CONFIGURABLE UP TO: 4 PRIMARY AND 4 RESERVE CYLINDERS.
9103772	580 - NITROGEN/MIXES	
9103770	580H - HELIUM	

SPECIFICATIONS

GAS SERVICE	MAXIMUM INLET PRESSURE	MAXIMUM FLOW RATE	PRESET DELIVERY PRESSURE
CO2-320	2000 PSIG	250 SCFH	110 PSIG
N2/MIX 580	3000 PSIG	250 SCFH	40 PSIG
HELIUM-580	3000 PSIG	250 SCFH	40 PSIG

*Consult with your gas supplier

BEVERAGE GAS BACK-UP PANEL

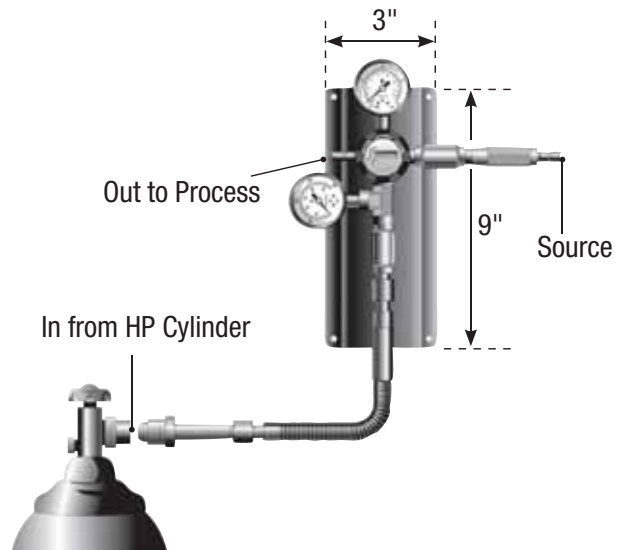
FOR GENERATORS & LIQUID SUPPLY

MODEL SG 770



DESCRIPTION:

Model SG 770 provides a continuous backup supply of gas in the event of power outage, generator failure or loss in pressure. The system automatically switches to a backup cylinder of gas when the supply pressure drops below a preset value. The process will automatically reverse when the primary gas supply returns to a normal level.



FEATURES:

- Made in USA
- 1 Year Warranty
- 0-125 PSIG line regulator
- Includes 36" flexible pigtail with integrated reverse flow check valve
- 1/4" Swagelok® outlet connection
- 1/4" Swagelok® inlet connection with reverse flow check valve
- Maximum inlet pressure – 3000 PSIG
- Required pressure differential 15-20 PSIG
- Maximum flow 200 SCFH Air @ 90 PSIG
- PTFE seals and seat

ORDERING INFORMATION			
PART #	GAS SERVICE	CGA CONNECTION	APPLICATIONS
CALL	CO ₂	320	• Liquid Supply CO ₂
4702982	Nitrogen	580	• Nitrogen Generators
4702983	Air (Industrial)	590	• Air Compressors
4702984	Air (Breathing)	346	• Zero Air Generators

BEVERAGE SWITCHOVER with TELEMETRY

COMPACT FOOD GRADE MODEL SG-900BR WITH VMG* AUTOMATIC FOOD GRADE SWITCHOVER MANIFOLD



ORDERING INFORMATION - BASE UNIT 2 x 1 MANIFOLD

PART#

4700588	320 - CARBON DIOXIDE	STANDARD UNIT: HAS 2 PRIMARY CYLINDERS ON THE RIGHT SIDE AND 1 RESERVE CYLINDER ON THE LEFT SIDE
4700589	580 - NITROGEN/ MIXES	
4700587	580H - HELIUM	
2065800*	TRANSDUCER, DELIVERY PRESSURE (0-300 PSI)	
2065801**	TRANSDUCER, TANK PRESSURE (3,000 PSI)	
2065804*	VMG TELEMETRY SYSTEM	COLLECTOR
2065803**	VMG TELEMETRY SYSTEM	SENSOR

* Requires quantity of 1 for ordering

** Requires quantity of 2 for ordering

OPTIONAL ACCESSORIES

PART#

9103771	320 - CARBON DIOXIDE	OPTIONAL ADDERS: INCLUDES A TEE AND PIGTAIL. SYSTEM IS CONFIGURABLE UP TO: 4 PRIMARY AND 4 RESERVE CYLINDERS.
9103772	580 - NITROGEN/ MIXES	
9103770	580H - HELIUM	

DESCRIPTION:

The automatic food grade switchover manifold is equipped with a Vendor Managed Gas (VMG) telemetry system that allows the user and gas supplier to monitor gas supply in "REALTIME". Via a computer or mobile device, users are able to access their current status, detect leaks, and view overall gas usage on the dashboard. This VMG telemetry switchover system virtually eliminates all issues associated with supplying beverage gases.

FEATURES:

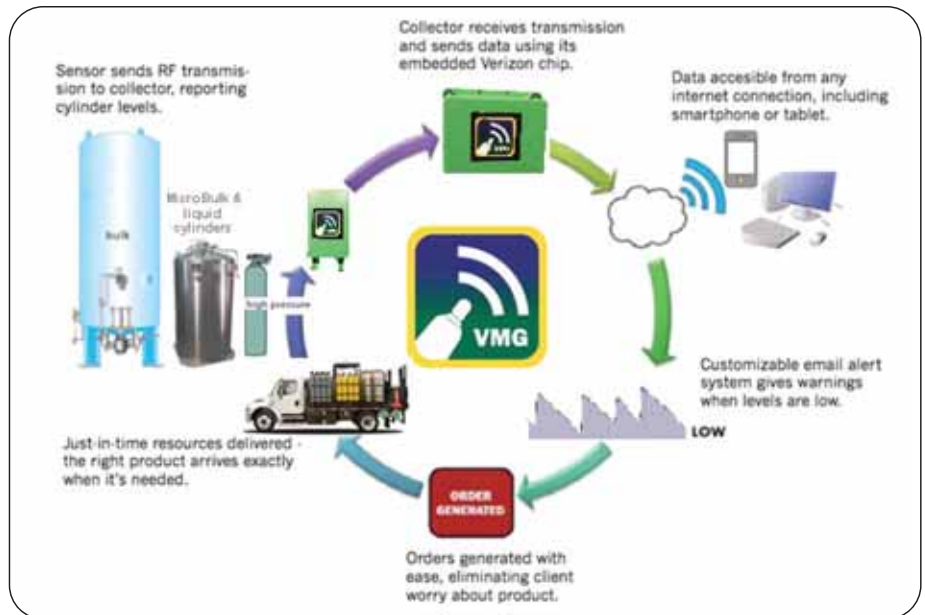
- Economic and compact manifold
- Switches from primary gas cylinder(s) to a reserve cylinder automatically
- No interruption of gas flow and no maintenance to perform
- Helium leaked tested stainless steel pigtails and stainless steel mounting bracket included
- Hand-tight cylinder connections - no wrenches
- Expandable system, cylinders can be added to expand system in the future

SPECIFICATIONS

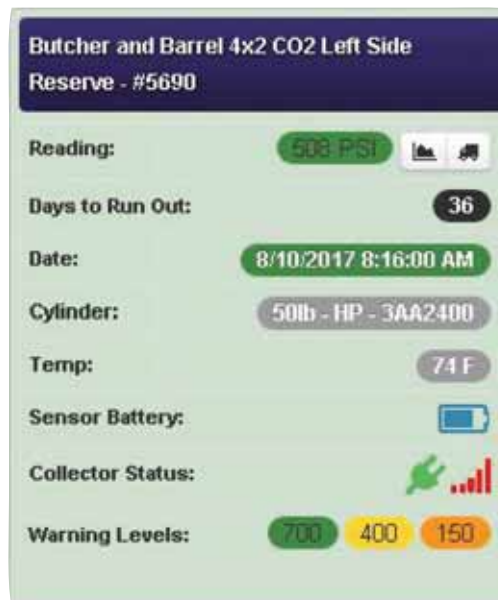
GAS SERVICE	MAXIMUM INLET PRESSURE	MAXIMUM FLOW RATE	PRESET DELIVERY PRESSURE
CO ₂ - 320	2000 PSIG	250 SCFH	110 PSIG
N ₂ / MIX 580	3000 PSIG	250 SCFH	40 PSIG
HELIUM - 580	3000 PSIG	250 SCFH	40 PSIG

BENEFITS:

- Eliminates costly down time and emergency deliveries (minimize or eliminate cylinder handling)*
- Continually monitors gas in the cylinders
- When the switchover takes place, the system will send out an alert that indicates a switchover from the primary to the reserve cylinder has taken place and an email notification is sent to the gas supplier generating a replacement order for the user
- Organized cylinder area for safer storage
- Less frequent cylinder deliveries
- Non Venting - No unexpected releases even when stagnant



NEVER RUN OUT OF GAS AGAIN**



Swagelok® is a registered trademark of Swagelok Company.

*VMG is a registered trademark of Wright Brothers;

**Consult with your gas supplier



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