

GeN₂[®] NITROGEN GENERATOR

BLENDED GAS MIXER

Beverage Systems



• MICROBREWERIES • BREW PUBS • RESTAURANTS • BARS

Dispensing draft beer with a mixed gas blend of Carbon Dioxide (CO₂) and Nitrogen (N₂) helps ensure the correct presentation and flavor. Quality draft beer requires a precise, consistent supply of Nitrogen and Carbon Dioxide. Chart's GeN₂[®] Nitrogen Generator coupled with a Carbo-Mizer[®] Bulk CO₂ tank is the ideal system to provide the correct blended gas mix. This system provides a reliable, uninterrupted flow of individual or mixed gas and eliminates the need to change out smaller high pressure cylinders. The GeN₂ system brings industry leading technology to the nitrogen generator for dependable, accurate, and cost effective operation.

PRODUCT HIGHLIGHTS

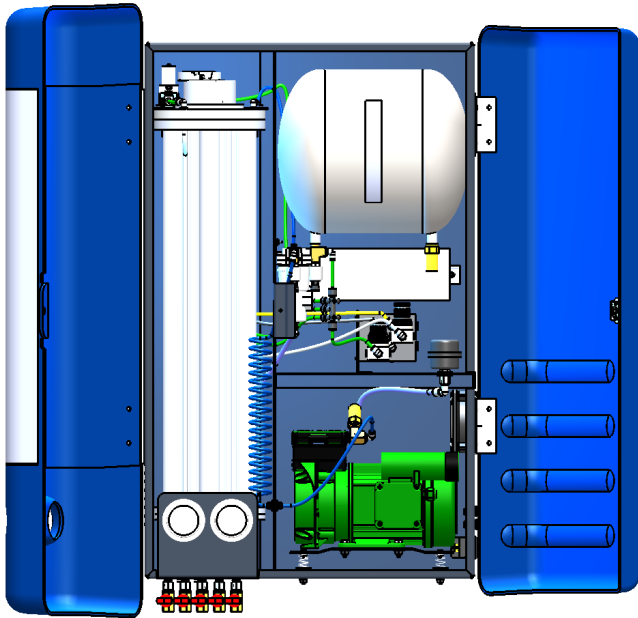
- Proven, continuous flow rate, rotary PSA system provides quick response to surge demands and eliminates the need for a large capacity N₂ storage tank
- Heavy duty compressor has a long lifecycle and is easy to maintain
- Integrated, small five gallon surge tank reduces footprint and simplifies installation
- Double hinged doors allow easy access for maintenance
- Sleek, modern look blends with site decor
- Self-diagnostic system helps service technicians identify scheduled maintenance or repairs



Innovation. Experience. Performance. [®]

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N ₂ Purity	99.8% (< 0.2% O ₂)
N ₂ output	> 7 slpm avg (14.8 scfh)
Kegs per hour	9 (sustained)
Electrical	110V, 10 Amps
External Tank Size	None
Internal Tank Size	5 gal
pints/min	19 (sustained)
N ₂ outlet on unit	Yes
Maintenance Access	Service panel w/ latch
Compressor	Gast or Durr Technik Oil-Free
Compressor Warranty	3 yr / 5000 hr
Blender	McDantim
# of blends	2 (70% CO ₂ & 25% CO ₂ Standard)
Blend outlet pressure	~ 60 psig
Case Size	44"H x 26" W x 17" D
Case Weight	160 lbs
*Pints/min and kegs/hour assume 70% CO₂ blend, 25 psig keg pressure, and a leak-free beer system	

NOMENCLATURE	
ITEM	DESCRIPTION
V-1	NEEDLE VALVE
V-2	PRESSURE REGULATING VALVE
V-3	ISOLATION VALVE, CO2 IN
V-4	ISOLATION VALVE, BACKUP N2
V-5	ISOLATION VALVE, 70% BLEND
V-6	ISOLATION VALVE, 25% BLEND
V-7	ISOLATION VALVE, 100% N2
V-8	CHECK VALVE, BACKUP N2
V-9	CHECK VALVE, ATF INLET
RV-1	RELIEF VALVE, COMPRESSOR
RV-2	RELIEF VALVE, TANK
PI-1	PRESSURE INDICATOR, N2
PI-2	PRESSURE INDICATOR, CO2
T-1	SURGE TANK
C-1	COMPRESSOR
B-1	BLENDER
ATF-1	ATF
M-1	N2 MANIFOLD
HE-1	HEAT EXCHANGER, COIL HOSE
AD-1	AIR DRYER
PT-1	PRESSURE TRANSDUCER, COMPRESSOR
PT-2	PRESSURE TRANSDUCER, TANK
F-1	AIR FILTER, COMPRESSOR
S-1	SOLENOID VALVE

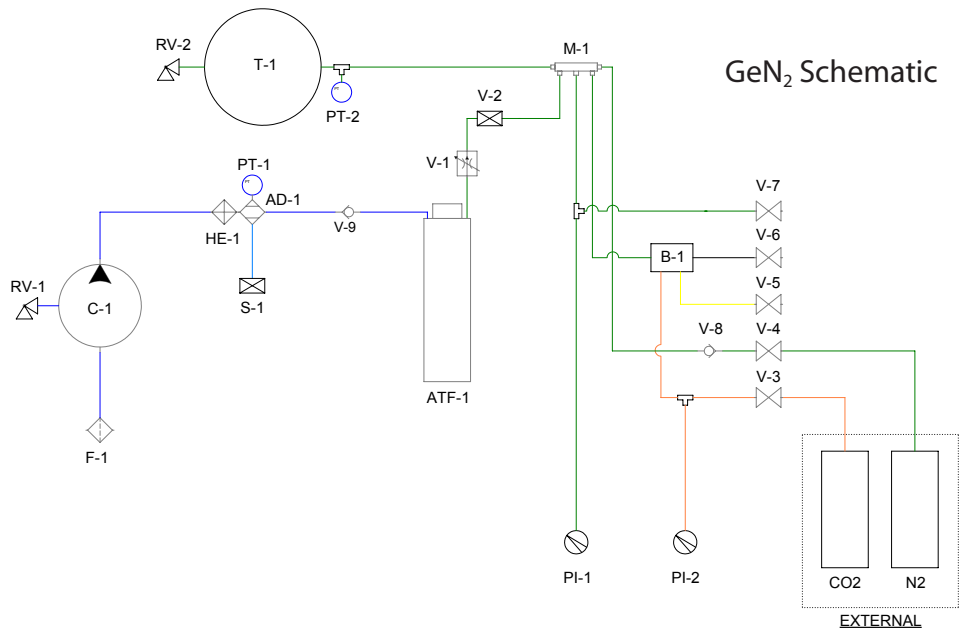


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