



PUR-Gas™ C Purifiers

USD \$223.13

Part Number: PUR-Gas Cartridges

Availability: Ships within 24 hours from Montgomeryville, PA



AUS ? base-plate normally extra \$ + Import Frt etc TBA

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* Items:

- Baseplate (1/8" Brass Compression-inlet/outlet)
- Baseplate (1/4" Brass Compression-inlet/outlet)
- Baseplate (1/8" SS Compression-inlet/outlet)
- Baseplate (1/4" SS Compression-inlet/outlet)
- Moisture Cartridge
- Oxygen Cartridge
- Hydrocarbon Cartridge
- Moisture/Oxygen/Hydrocarbons Cartridge
- Moisture/Oxygen/Hydrocarbon (Helium Filled) Cartridge
- Moisture/Hydrocarbon Cartridge
- O-Ring Replacement Set
- Wall Mount Bracket
- Baseplate Cap



The PUR-Gas™ Cartridge Purifier System is a point-of-use, high-performance gas purifier system designed to provide superior contaminant reduction and utilizes removable purifier cartridges to produce 99.9999% purity. The basic system consists of a purifier cartridge installed on a compatible baseplate. The purifiers can be installed and replaced without interrupting the operating and analytical performance of the system. The metal and glass construction of the purifier cartridges eliminates diffusion of potential contaminants into the gas stream. During replacement of the purifier cartridges, check valves automatically close off the system to the atmosphere, further minimizing the introduction of contaminants.



Applications

- Point-of-use purification of all gases utilized with the operation of an FID equipped GC.
- Ideal for purification of carrier gases used with GC/MS, ECD, PID and NPD detectors.
- Removal of hydrocarbons and moisture from FID fuel gases.

Purifier Cartridge Capacity

Purifier Type	Carrier Gas	H ₂ O Capacity (gr)	O ₂ Capacity (ml)	Hydrocarbon Capacity# (gr)
Moisture Trap	Inert	7.2	N.A.	
	H ₂ Air			
Oxygen Trap	Inert	N.A.	150	
Hydrocarbon Trap	Inert	N.A.	N.A.	12
	H ₂ Air			
Combi Trap (moisture + hydrocarbons)	Inert	3.5	N.A.	6
	H ₂ Air			
Triple Trap (moisture + oxygen + hydrocarbons)	Inert	1.8	75	4

as n-butane

Ordering Information

Part Number (Baseplate)	Description
SEQBAS0014	1-Position Baseplate (1/8" brass fittings)
SEQBAS0018	1-Position Baseplate (1/4" brass fittings)
SEQBAS0022	1-Position Baseplate (1/8" SS fittings)
SEQBAS0026	1-Position Baseplate (1/4" SS fittings)

Part Number (Cartridges)	Description
SEQCTG0050	PUR-Gas Moisture (H ₂ O) Cartridge
SEQCTG0051	PUR-Gas Oxygen (O ₂) Cartridge
SEQCTG0052	PUR-Gas Hydrocarbon (HC) Cartridge
SEQCTG0053	PUR-Gas Triple Oxygen/Moisture/HC Cartridge
SEQCTG0054	PUR-Gas Combi Moisture/Hydrocarbon Cartridge
SEQCTG0062	PUR-Gas Triple Oxygen/Moisture/HC Cartridge (Helium Packed)

Optional & Replacement Parts

Part Number	Description
SEQCON0577	O-Ring Replacement Set
SEQCON0578	Wall-Mount Bracket Fixture

Design Features

- Easy installation enables "no tools required" purifier changeout.
- Multiple purifier baseplates allow customization of the system for specific applications.
- Replacement purifiers can be installed within seconds, minimizing instrument downtime.
- Check valves in baseplate design prevent diffusion of contaminants.
- Removal of hydrocarbons, oxygen and moisture can be performed with a single filter.
- Visual indicator on Moisture and Oxygen cartridges signals changeout to maintain uninterrupted service.

Specifications

- Maximum Operating Pressure: 150 psig
- Maximum Flow Rate: 3 L/min
- Outlet Purity: 99.9999%
- Dimensions (Baseplate): 3-1/8 x 3-1/2"
- Dimensions (Cartridge): 1.26" dia. x 10" H
- Connectors: 1/8" or 1/4" compression fitting
- Baseplate: Aluminum

 [Instructions, PURGas Purifiers](#)

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- welding products & safety equipment
- gas detection, measurement & control
- high performance purification systems
- engineering & gas management services
- on-site gas generation

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