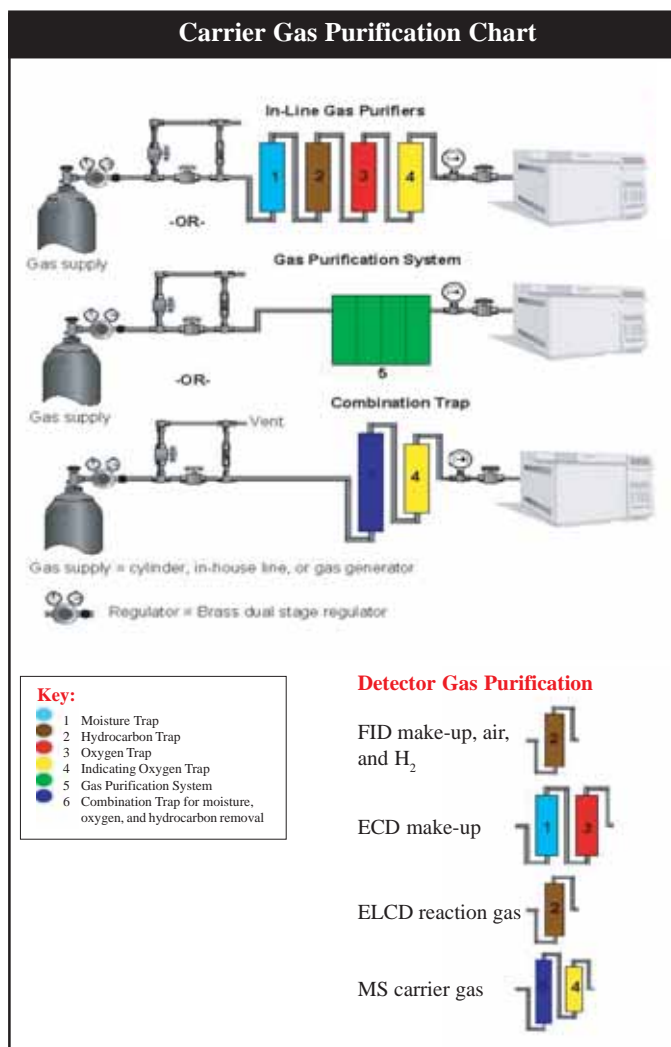


GC Supplies

Gas Management—Moisture Removal Traps



Economy Indicating Moisture Traps

- Three refillable sizes and three different packings
- Both inlet and outlet connectors are equipped with stainless steel frits to prevent particulates from entering the gas stream
- Mixed packing bed makes improper installation impossible
- Easily refillable
- Tested to 150 psi (helium)

Agilent Indicating Moisture Traps are designed to remove water, oil and organics from gases commonly employed in, but not limited to, gas chromatography. Refillable moisture traps are constructed from Lexan brand polycarbonate tubing. Lightweight, chemically resistant, and of superior strength when compared to traps manufactured of acrylic.



Economy Indicating Moisture Traps Continued

Molecular Sieve 13X (MT Series)

The preferred adsorbent for GC gas drying. Blue indicating sieve turns buff at 20% relative humidity.

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
MT120-2	120	1/8	21.6	20
MT120-4	120	1/4	21.6	20
MT200-2	200	1/8	36.0	18
MT200-4	200	1/4	36.0	18
MT400-2	400	1/8	72.0	14
MT400-4	400	1/4	72.0	14

Molecular Sieve 5Å (MT-D Series)

High moisture capacity and simultaneously removes hydrogen sulfide and oil. Indicating Drierite changes dramatically from bright blue to pink as the gas stream approaches 40% relative humidity.

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
MT120-2-D	120	1/8	21.6	22
MT120-4-D	120	1/4	21.6	22
MT200-2-D	200	1/8	36.0	20
MT200-4-D	200	1/4	36.0	20
MT400-2-D	400	1/8	72.0	16
MT400-4-D	400	1/4	72.0	16

Silica Gel 40 (MT-S Series)

Highest moisture capacity adsorbent. Adsorbs as much as 40% of its weight in water. High affinity for hydrocarbons. Blue indicating gel turns from a deep blue to pale pink at 40% relative humidity.

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
MT120-2-S	120	1/8	31.5	40
MT120-4-S	120	1/4	31.5	40
MT200-2-S	200	1/8	52.5	39
MT200-4-S	200	1/4	52.5	39
MT400-2-S	400	1/8	105.0	39
MT400-4-S	400	1/4	105.0	39

Adsorbent Refill and Mounting Brackets for Economy Traps

Cat. No.	Description
MSR-1	MT series, adsorbent refill, 1 pint
MSR-2	MT-D series, adsorbent refill, 1 pint
SGR	MT-S series, adsorbent refill, 1 pint
MC-1	Mounting clip for 120 and 200cc traps
UMC-4	Mounting clip for 400cc traps

Outlet Gas has less than 1% inlet concentration
Polishing Zone Active Desiccant
Mass Transfer Zone Gas at this point has less than 5% of the inlet concentration
Scrubber Zone Desiccant is at equilibrium with inlet gas adsorbent concentration
Inlet Gas



Moisture Removal S-Traps

- Contains Molecular Sieve 5Å, 45/60 mesh

This trap can be reconditioned by heating at a minimum of 350°C, with flow for 6 hours.

Cat. No.	Description
5060-9084	Moisture "S" trap, metal casing, 1/8" fitting



Big Moisture Traps

- Ideal when several instruments are plumbed from a single gas source
- One piece of heavy-walled aluminum tube, this one-piece design eliminates potential leaks
- Equipped with sintered SS frits to prevent particulate contamination
- Up to 250 psi

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
BMT-2	750	1/8	130	5
BMT-4	750	1/4	130	5

Adsorbent Refill and Mounting Bracket for Big Traps

Cat. No.	Description
BMSR-1	Big moisture refill, (enough for 2 refills)
UMC-5-2	Big mounting clip, 2/pk

Glass Indicating Moisture Traps

- Heavy wall borosilicate glass tube—no moisture diffusion
- Molecular Sieve 13X and a band of indicating Molecular Sieve 4Å

Molecular sieves differ from all other commercially available adsorbents, as they have an extremely high adsorption capacity for water and polar compounds even at relatively low concentrations. The color change takes place in the middle of the trap bed, giving ample warning. In addition to the inherent qualities of the sieve material, we treat the bed material under high vacuum and heat to ensure maximum scrubbing efficiency and capacity.

Glass Indicating Moisture Traps (GMT and LGMT Series)

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
GMT-2GC-HP	70	1/8	11.4	7
GMT-4GC-HP	70	1/4	11.4	7
GMT-2-HP	100	1/8	16.3	6
GMT-4-HP	100	1/4	16.3	6
LGMT-2-HP	250	1/8	40.09	6
LGMT-4-HP	250	1/4	40.09	6

Adsorbent Refill and Mounting Brackets for Glass Traps

Cat. No.	Description
GMSR	GMT and LGMT adsorbent refill, 250cc
UMC-3	Mounting clip for 70 and 100cc traps
UMC-4	Mounting clip for 250cc traps

High Pressure SS Moisture Traps

- Molecular Sieve 13X
- Constructed from seamless 316 SS
- Rated to 4,000 psi
- Equipped with sintered SS frits to prevent particulate contamination

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
MT-2-SS	200	1/8	36.0	18
MT-4-SS	200	1/4	36.0	18

Adsorbent Refill and Mounting Bracket for High Pressure Traps

Cat. No.	Description
BMSR-1	Big moisture refill, 1500cc
MC-1	Mounting clip for 200cc traps

GC Supplies

Oxygen Traps/Hydrocarbon Traps

Indicating Oxygen Trap

- Reduces oxygen to less than 1 ppb
- Environmentally safe



This trap actually removes the oxygen rather than converting it to another form of contamination.

Oxygen and a wide range of oxides react with the activated bed material to

form a manganese oxide. This reaction results in a progressive and dramatic color change, from light green in the adsorbent's active state to deep brown as oxygen saturation occurs. The indicating oxygen trap is designed to be used in conjunction with any of our high capacity, non-indicating oxygen traps. When properly installed downstream from the non-indicating trap, the indicating oxygen trap provides a visual indication of oxygen breakthrough BEFORE contamination reaches sensitive system components.

Unlike adsorbent materials utilized in competitive products, our indicating media can be exposed to air and water in virtually any quantity without resulting in an exothermic reaction. The spent product is nontoxic, nonhazardous, nonflammable, and nonreactive. The high impact Lexan shield prevents "lab catastrophes" if the trap is exposed to pressure beyond its stated pressure limit. Safe for land-fill refuse.

Indicating Oxygen Traps (IOT and LIOT Series)

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (mg)	Performance (ppb)
IOT-2-HP	30	1/8	30.0	2
IOT-4-HP	30	1/4	30.0	2
LIOT-2	150	1/8	100.0	1
LIOT-4	150	1/4	100.0	1

Economy Non-Indicating Oxygen Traps (OT1 Series)

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (mg)	Performance (ppb)
OT1-2	70	1/8	-	-
OT1-4	70	1/4	-	-

Mounting Brackets for Oxygen Traps

Cat. No.	Description
UMC-2	Mounting clip for IOT traps
UMC-3	Mounting clip for LIOT traps
MC-1	Mounting clip for OT1 traps



Big Oxygen Traps

- Ideal when several instruments are plumbed from a single gas source
- One piece of heavy-walled aluminum tube design eliminates potential leaks
- Equipped with sintered SS frits to prevent particulate contamination
- Up to 250 psi

Big Oxygen Traps (BOT Series)

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (mg)	Performance (ppb)
BOT-2	750	1/8	3400	1
BOT-4	750	1/4	3400	1

Mounting Bracket for Big Traps

Cat. No.	Description
UMC-5-2	Big mounting clip, 2/pk

Big Trap Dimensions:

Length: 17"
Diameter: 2 3/8"

Hydrocarbon Traps

- Remove organics from carrier gases, air and hydrogen
- Impregnated carbon filter media
- Refillable

Hydrocarbon Traps (HT200 Series)

Cat. No.	Description	Fitting
HT200-2	Hydrocarbon trap, 200cc	1/8"
HT200-4	Hydrocarbon trap, 200cc	1/4"

Capillary Grade Hydrocarbon Traps (HT3 Series)

Purged with ultra high purity helium

Cat. No.	Description	Fitting
HT3-2	Hydrocarbon trap, 100cc	1/8"
HT3-4	Hydrocarbon trap, 100cc	1/4"

High Pressure SS Hydrocarbon Traps

Constructed from seamless 316 stainless steel, rated to 4000 psi.

Cat. No.	Description	Fitting
HT-2-SS	SS Hydrocarbon trap, 200cc	1/8"
HT-4-SS	SS Hydrocarbon trap, 200cc	1/4"

Adsorbent Refill and Mounting Bracket for Hydrocarbon Traps

Cat. No.	Description
ACR	Adsorbent refill, 1 pint
MC-1	Mounting clip for hydrocarbon traps





Big Hydrocarbon Traps

- Ideal when several instruments are plumbed from a single gas source
- One piece of heavy-walled aluminum tube design eliminates potential leaks
- Equipped with sintered SS frits to prevent particulate contamination
- Up to 250 psi

Big Hydrocarbon Traps (BHT Series)

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
BHT-2	750	1/8	80*	15
BHT-4	750	1/4	80*	15

*80 grams of medium to heavy molecular weight hydrocarbons.

Adsorbent Refill and Mounting Bracket for Big Traps

Cat. No.	Description
BACR	Adsorbent refill (enough for two refills)
UMC-5-2	Big mounting clip, 2/pk



Hydrocarbon Removal S-Traps

- Contains 40/60 mesh activated charcoal

This trap can be reconditioned by heating at a minimum of 350°C, with flow for 6 hours.

Cat. No.	Description
5060-9096	Oxygen "S" trap, metal casing, 1/8" fitting

Hydrocarbon/Moisture Traps

Our hydrocarbon/moisture traps offer you flexibility: refill your trap and remove extremely low levels of both moisture and hydrocarbons.

Hydrocarbon/Moisture Traps (HMT Series)

Cat. No.	Description	Fitting
HMT200-2	Hydrocarbon/Moisture trap, 200cc	1/8"
HMT200-4	Hydrocarbon/Moisture trap, 200cc	1/4"

Adsorbent Refill and Mounting Bracket for HMT Series

Cat. No.	Description
HCRMS	Adsorbent refill, 1 pint (enough for two refills)
MC-1	Mounting clip for HMT series

Oxygen/Moisture Traps

- Leak-free, one piece design
- Filter design: prevents channeling, promotes efficient scrubbing

Oxygen/moisture adsorbents team up to give you two functionalities in the same trap. Unlike some oxygen/moisture traps, these traps are disposable.

In addition to inert gases (nitrogen, helium, argon and krypton), the Agilent OT3 Trap treats streams of hydrogen, alkanes, alkenes, aliphatic hydrocarbon gases, low boiling aromatics, carbon dioxide, carbon monoxide, and argon-methane.

Why use Oxygen Traps?

Traces of oxygen in your carrier gas system can destroy a GC column, especially polar phases.

How does it work?

The Agilent OT3 Trap contains a highly active, metal-containing, scrubbing material in an inert, aluminum body. This material removes 500mL oxygen from a gas stream to less than 15ppb. Additionally, up to 2 grams of moisture can be removed by this trap without affecting the oxygen capacity.

Oxygen/Moisture Traps (OT3 Series)

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (mg)	Performance (ppb)
OT3-2	100	1/8	500	15
OT3-4	100	1/4	500	15

High Pressure SS Oxygen/Moisture Traps

Constructed from seamless 316 Stainless Steel, rated to 4000 psi.

OT-2-SS	200	1/8	-	20
OT-4-SS	200	1/4	-	20

Mounting Bracket for Oxygen/Moisture Combination Traps

Cat. No.	Description
MC-1	Mounting clip for OT3 series

LC/MS Nitrogen Gas Purifier

Can be used up to 15L/min for LC/MS applications

Cat. No.	Description	Fitting
G1946-80047	LC/MS Nitrogen purifier, 100cc	1/8"

GC Supplies

Combination Traps—Gas Specific



Agilent Big Universal Traps

Big Universal Traps utilize a layered, multi-adsorbent bed packing of the most effective, highest capacity adsorbent materials available today for the removal of oxygen, moisture, hydrocarbons, carbon dioxide and carbon monoxide from helium gas streams. The volume of the various adsorbent materials in the Big Universal Trap was developed through rigorous testing and evaluation in order to assure that breakthrough of the five major contaminant groups occurs as simultaneously as possible as each material achieves complete saturation.

One Big Universal Trap unit will easily purify the contents of 13 “K” size cylinders of 99.997% purity helium to a cumulative level of 100 parts per billion of O₂, H₂O, CO₂, CO and hydrocarbons at a flow rate of up to 8 L/min. All tube fittings are Swagelok brand stainless steel, fitted with 40 micron stainless steel frits for particulate control. Maximum pressure is 500 psi.

Big Universal Traps are ideal for any GC or GC/MS application where helium is employed and assurance of purity is essential. Combining the contents of three individual in-line traps into a single unit reduces the number of potential leaks and the possibility of aspirating contaminants into the gas stream.

Capacity Data:

High Purity Helium—99.997%		Removal Capacity
O ₂	< 5ppm	1.07L
THC*	< 1ppm	20g
H ₂ O	< 5ppm	46g

*Total Hydrocarbons, analysis limited to 3 contaminate groups.

Effluent Concentration:

Research Helium—99.9999%	
Impurities	< 1.0ppm
N ₂	< 0.5ppm
O ₂	< 0.5ppm
THC*	< 0.1ppm
CO+CO ₂	< 0.1ppm
H ₂ O	< 0.2ppm
H ₂	< 0.2ppm
Ar	< 0.1ppm
Ne	< 0.5ppm

*Total Hydrocarbons, analysis limited to 3 contaminate groups.



18" x 2 3/8"

Big Universal Trap (RMS Series) Ordering Information

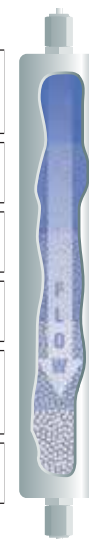
Cat. No.	Gas Purifier Type	Fitting
RMSHY-2	Hydrogen	1/8"
RMSHY-4	Hydrogen	1/4"
RMSH-2	Helium (Ar/Me) ⁺	1/8"
RMSH-4	Helium (Ar/Me) ⁺	1/4"
RMSN-2	Nitrogen	1/8"
RMSN-4	Nitrogen	1/4"

Mounting Bracket for Big Universal Traps

Cat. No.	Description
UMC-5-2	Big mounting clip, 2/pk

⁺ Recommended for GC/MS

Two very high capacity hydrocarbon and moisture sorbents at the inlet for effective contaminant removal
Unique proprietary broad spectrum sorbent material for multiple contaminant removal
Two oxygen scavenging materials for both high capacity and high efficiency oxygen removal
Multiple bed format to allow several step reduction in contaminants
Removal of H ₂ O, O ₂ , halocarbons, hydrocarbons, CO, CO ₂ , H ₂ , and sulfur containing compounds with a single purifier
Very high efficiency sorbents at the outlet for trace contaminant removal



UOP® mat/sen™ Gas Specific Purifiers

- Removes oxygen, moisture, and hydrocarbons
- Replace 3 traps with 1 purifier!
- Decrease baseline noise
- Increase GC/MS sensitivity

Effluent Concentrations

Outlet levels listed indicate PPB concentration based on 50ppm nominal inlet concentration level

Purifier	CO	CO ₂	O ₂	H ₂ O	Sulfur	*NMHC ²
Helium	<1	<1	<1	<1	<1	<3
Hydrogen	<1	<1	<1	<1	<1	<3
Nitrogen	<1	<1	<1	<1	<1	<3
Air	-	-	-	<1	-	<3

* NMHC stands for non-methane hydrocarbons.

Specifications:

- Length: 21"
 - Diameter: 1.5"
 - Max inlet pressure: 300 psi
 - Max flow: 500mL/min
 - Pressure Drop*: 0.30 psi
- *120 psi @ 0 to 500mL/min



UOP Gas Specific Purifiers Ordering Information

Cat. No.	Gas Purifier Type	Fitting
014-1200	Hydrogen	1/8"
014-1202	Hydrogen	1/4"
014-1100	Helium	1/8"
014-1102	Helium	1/4"
014-1300	Nitrogen	1/8"
014-1302	Nitrogen	1/4"
014-1400	Air	1/8"
014-1402	Air	1/4"



Super-Clean Gas Filter System

Super-Clean gas filter systems are designed to provide the utmost in convenience and contamination reduction. The system is tested for leak-tightness and the glass and metal construction of the cartridges eliminates diffusion of contaminants into the gas stream. During cartridge replacement, check valves close off the system to the atmosphere, further minimizing the entry of contaminants.

Filter systems are available in several configurations, including 3 and 4 cartridge systems for GCs equipped with FIDs. Additionally, baseplates are available for 2,3, or 4 filters, allowing a gas filter system for any application.

- **Triple filter cartridge** for carrier gas purification with a single cartridge: hydrocarbon, moisture (indicating) and oxygen (indicating) trapping
- **Fuel gas filter** for removal of hydrocarbons and moisture (indicating) from FID fuel gases
- Filters can be changed easily, without tools
- Indicating action tells when to replace cartridges

Specifications:

Max pressure: 150 psi
 Capacity: Triple Filter – 1.8g H₂O, 500mL of O₂
 Fuel gas filter – 3.6g H₂O
 Moisture filter – 7.2g H₂O
 Oxygen – 1000 mL of O₂
 Dimensions: 33cm x 31cm x 11cm – 4 cartridge system
 Weight: 8kg
 Fittings: for 1/8" tubing
 Purity level: ≤ 0.1ppm at max flow rate of 2L/min



Super-Clean Gas Purification Systems

Cat. No.	Description
5182-9703	FID Gas Purification System, 3 position <i>includes: (1)Triple filter and (2)Fuel gas filters</i>
5183-4774	FID Fuel Gas Purification System, 2 position <i>includes: (2)Fuel gas filters</i>
5182-9704	Carrier Gas Purification System, 1 position <i>includes: (1)Triple filter cartridge</i>
5182-0816	Super-Clean Gas Purification System, 4 pos. <i>includes: (1)Ind. Oxygen, (1)Ind. Moisture, (2)Hydrocarbon</i>

Replacement Filter Cartridges

5182-9705	Triple filter cartridge
5183-4771	Fuel gas filter cartridge
5182-0817	Moisture filter cartridge with indicator
5182-0818	Oxygen filter cartridge with indicator
5182-0820	Hydrocarbon filter cartridge
5183-4770	Filter Set: (1)Oxygen, (1)Moisture, (2)Hydrocarbons
5183-4769	FID Set: (1)Triple filter, (2)Fuel gas filters

Accessories

5182-0821	Wall mount bracket for Super-Clean GPS
5182-3423	Super-Clean GPS O-ring kit, (4 ea. of 2 sizes)

High Capacity Gas Purification System

Three Cartridge System

- **First cartridge removes moisture and organics**
- **Second cartridge provides the capacity to remove at least 1000 cc of pure oxygen**
- **Third cartridge (indicating oxygen) changes color to warn of system saturation**

Specifications:

Max pressure: 200 psi
 Capacity: 1,000mL of oxygen,
 18 tanks of 99.997% purity gas
 15g H₂O (inlet saturation)
 0.7g H₂O (inlet moisture 10ppm)
 12g hydrocarbon (as n-butane)
 Dimensions: 25cm x 30cm x 8cm
 Weight: 4.8kg
 Purity level: ≤ 0.2ppm oxygen; ≥ 99.8 %
 removal of moisture and hydrocarbons



Three cartridge system includes manifold for wall or bench mount and 3 cartridges (moisture/hydrocarbon, oxygen, and indicating oxygen).

Single Cartridge System

- **Contains a triple-combination cartridge (non-indicating)**

Specifications:

Max pressure: 200 psi
 Capacity: 450mL of oxygen,
 8 tanks of 99.997% purity gas
 6.0g H₂O (inlet saturation)
 0.3g H₂O (inlet moisture 10ppm)
 5.2g hydrocarbon (as n-butane)
 Dimensions: 12cm x 30cm x 8cm
 Weight: 1.6kg
 Purity level: ≤ 0.2ppm oxygen; ≥ 99.8 %
 removal of moisture and hydrocarbons



Single cartridge system includes manifold for wall or bench mount, and a triple combination cartridge (moisture/hydrocarbon/oxygen).

High Capacity Gas Purification System (GPS)

Cat. No.	Description	Fitting
5183-1907	Three cartridge system	1/8"
5182-9776	Three cartridge system	1/4"
5183-4598	Single cartridge system	1/8"
5183-4599	Single cartridge system	1/4"

Replacement Cartridges

5182-9780	Cartridge kit for 3 GPS (1 of each filter)
5183-4600	Triple combination cartridge for Single GPS
5182-9777	Moisture/hydrocarbon cartridge
5182-9778	Oxygen cartridge
5182-9779	Indicating oxygen cartridge

GC Supplies

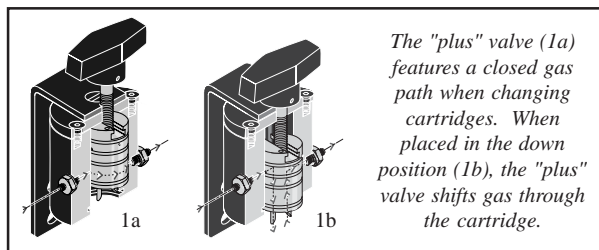
Gas Purification Systems—QC+ Point of Operation Panel

QC+ Point of Operation Panel

- **Quick change cartridges**
- **Replace cartridges without gas flow interruption**
- **Minimizes instrument downtime!**

Filter cartridges are of all metal or glass construction, eliminating infusion and resultant signal noise associated with filters constructed from plastics. Cartridges are quickly installed via a simple knurled retaining nut. No wrenches are needed! As many as four cartridges can be replaced in a matter of seconds, and because there is low dead volume, a minimal amount of gas system purge is required after installation.

Each QC+ filter head is equipped with an internal flow valve. This valve serves two functions. In the “down” position, gas is passed through adsorbent filter cartridges for purification (Figure 1b). In the “up” position, the gas is diverted through the filter head. With the valve up (Figure 1a), the filter cartridge can then be easily replaced with a fresh cartridge. But, because the gas continues to flow through the bypass valve, the need to shut down instruments is eliminated while the filter cartridges are removed.



Replacement Cartridges

High Capacity Oxygen

The GC-1 oxygen cartridge contains a highly active metal catalyst, supported on an alumina silicate substrate.

High Capacity Moisture

The GC-2 moisture cartridge contains 13X molecular sieve, 16/20 mesh sphere size.

Indicating Moisture

The GC-2-I indicating moisture cartridge contains a combination of 5Å molecular sieve and indicating Drierite.

Hydrocarbon

The GC-3 hydrocarbon cartridge contains a high surface area and coconut shell-based, activated carbon medium.

Indicating Oxygen

The GC-4 indicating oxygen cartridge contains a manganese oxide adsorbent that experiences a dramatic and progressive color change during adsorption.

Replacement Cartridges - Ordering Information

Cat. No.	Description	Removal Capacity	Performance (ppb)
GC-1	Oxygen	396mg	15
GC-2	Moisture	15g	9
GC-2-I	Indicating Moisture	7g	9
GC-3	Hydrocarbon	8g	30
GC-4	Indicating Oxygen	40mg	2



GC Carrier Gas QC+ System

- **Model RBC-P**, recommended for systems that employ capillary columns
- **2 head system:** high capacity oxygen, indicating oxygen
- **Flow at pressure:** 13 LPM at 50 psi helium

FID Detector Fuel Gas QC+ System

- **Model RBC-D-P**
- **2 head system:** high capacity moisture, hydrocarbon
- **Flow at pressure:** 14 LPM at 50 psi helium



GC Carrier Gas QC+ System

- **Model RTC-P**, perfect for any system that employs nitrogen, helium, or argon/methane mixtures
- **3 head system:** high capacity oxygen, moisture, hydrocarbon
- **Flow at pressure:** 7 LPM at 50 psi helium

Electron Capture and ELCD QC+ System

- **Model RTC-I-P**
- **3 head system:** high capacity oxygen, moisture, plus indicating oxygen
- **Flow at pressure:** 7 LPM at 50 psi helium



GC/MS Carrier Gas QC+ System

- **Model RQC-P**, ultimate in gas purification
- **4 head system:** high capacity oxygen, moisture, hydrocarbon, indicating oxygen
- **Flow at pressure:** 6 LPM at 50 psi helium

Quick Change Plus (QC+)—Point of Operation Panels

All QC+ have 1/8" fittings

Cat. No.	Description
R2D2-P	1-Head, oxygen
R2D2-I-P	1-Head, indicating oxygen
RBC-P	2-Head, oxygen, ind. oxygen
RBC-D-P	2-Head, moisture, hydrocarbon
RTC-P	3-Head, oxygen, moisture, hydrocarbon
RTC-I-P	3-Head, moisture, oxygen, ind. oxygen
RQC-P	4-Head, oxygen, ind. oxygen, hydrocarbon, and moisture