

Super Clean™ Gas Filters

BASE PLATE FILTERS



EP-B-0606960
U.S. Patent 5,478,378



2015

WWW.SGT-NL.COM

- High Capacity
- High-purity output ensures 99.9999% Pure gas
- “Quick connect” fittings for easy, leak-tight cartridge changes
- Glass inside to prevent diffusion, plastic outside for safety
- Easy to read indicators

ABOUT SUPER CLEAN™ GAS FILTERS

Cartridge systems make changing gas filters quick and easy. A base plate allows cartridges to be exchanged without introducing oxygen. Spring-loaded check valves seal when a filter is removed and open only when a new filter has been locked in place. There is no longer a need for loosening and tightening fittings every time a trap is changed and your system will not become contaminated during the process

WHY GAS PURITY IS IMPORTANT

Carrier gas should contain less than 1 ppm of oxygen, moisture, or other trace contaminants, to prevent column degradation, increase column lifetime, and decrease stationary phase bleed. The expense of using high-purity gases in combination with carrier gas line purifiers will be offset by longer column lifetime and less GC maintenance.

Contaminants cause ghost peaks to appear during temperature programming and degrade the validity of analytical data. Make-up gas also should be contaminant-free, or baseline fluctuations and excessive detector noise can occur; detector gases should be free of water and hydrocarbons, or excessive baseline noise can result. Gas purifiers remove these contaminants from gas sources, thereby improving system performance.

GAS FILTER SYSTEM COMPONENTS



Base plate

Connecting unit with in- and outlet connectors for the gas line and two spring-loaded check valves that automatically start the flow of gas once a filter is installed.



Universal Ring Nut

The Universal Ring Nut is used for mounting a filter cartridge or flush-cap to a base plate. It can also serve as a mounting point for the Electronic Maintenance Indicator device.



Filter Cartridge

The filter cartridges are made of glass to prevent diffusion, and protected by a plastic housing for safety. The PTFE seals at the base of the Filter will only be punctured during installation on the base plate.



Electronic Indicator

Optional Electronic Maintenance Indicator device warns when scheduled replacement or maintenance is due.



Wall mount bracket set

Optional wall mounting brackets to mount a Base plate on a wall.

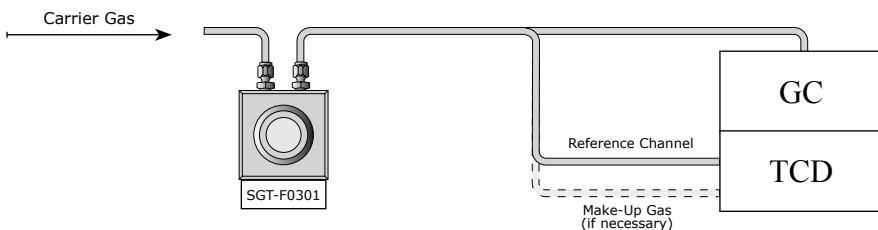


GC / MS (ITD/MSD)



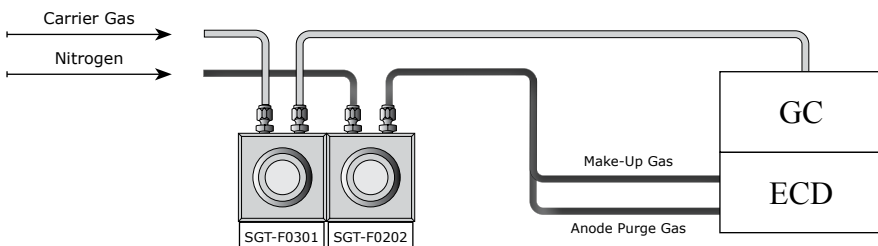
| Product | Part No. | Qty |
|-----------------------|--------------|-----|
| Triple Filter | SGT-F0301 | 1 |
| 1 Position Base plate | SGT-B0010-XX | 1 |

GC / TCD



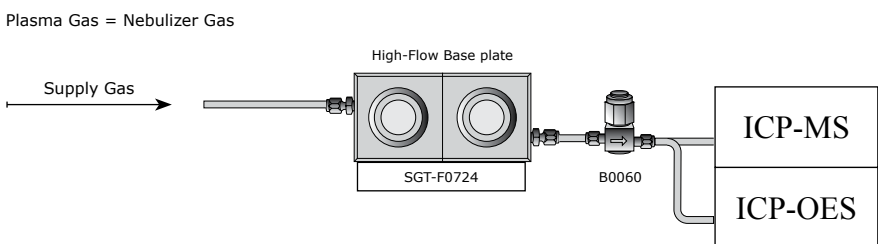
| Product | Part No. | Qty |
|-----------------------|--------------|-----|
| Triple Filter | SGT-F0301 | 1 |
| 1 Position Base plate | SGT-B0010-XX | 1 |

GC / ECD



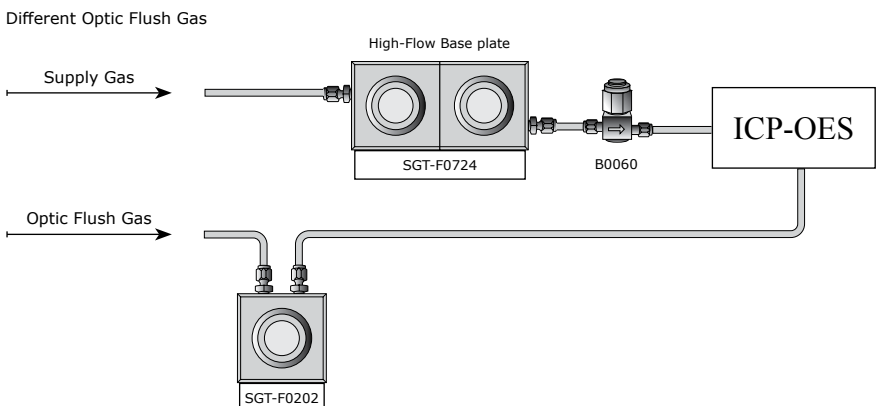
| Product | Part No. | Qty |
|------------------------|--------------|-----|
| Triple Filter | SGT-F0301 | 1 |
| Oxygen/Moisture Filter | SGT-F0202 | 1 |
| 2 Position Base plate | SGT-B0020-XX | 1 |

ICP-OES / ICP-MS



| Product | Part No. | Qty |
|---|--------------|-----|
| High Flow Oxygen/Moisture Filter Bundle | SGT-F0724 | 1 |
| Particle Filter | B0060 | 1 |
| High Flow Base plate | SGT-B0021-XX | 1 |

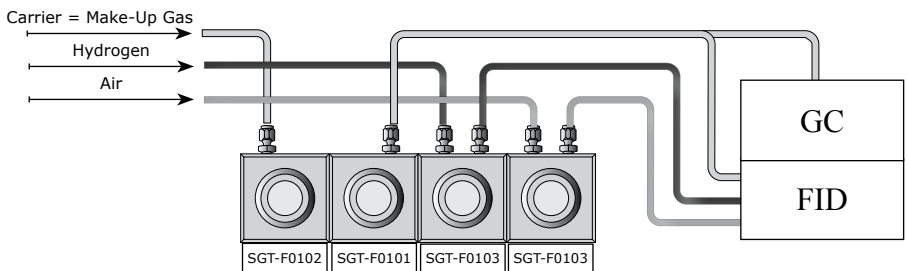
ICP-OES



| Product | Part No. | Qty |
|---|--------------|-----|
| High Flow Oxygen/Moisture Filter Bundle | SGT-F0724 | 1 |
| Oxygen/Moisture Filter | SGT-F0202 | 1 |
| Particle Filter | B0060 | 1 |
| High Flow Base plate | SGT-B0021-XX | 1 |
| 1 Position Base plate | SGT-B0010-XX | 1 |

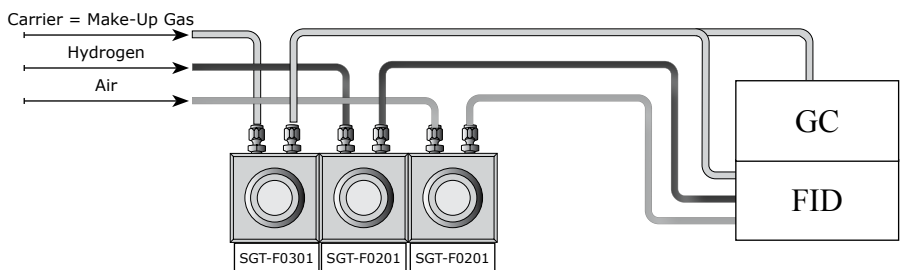
GC / FID

GC/FID Solution 1 (Carrier Gas = Make-Up Gas)



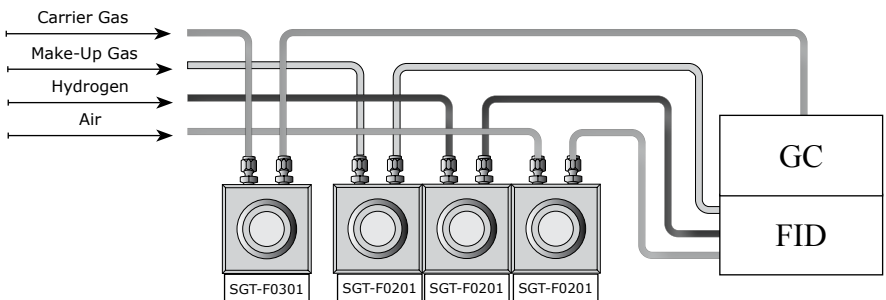
| Product | Part No. | Qty |
|-----------------------|--------------|-----|
| Oxygen Filter | SGT-F0102 | 1 |
| Moisture Filter | SGT-F0101 | 1 |
| Hydrocarbon Filter | SGT-F0103 | 2 |
| 4 Position Base plate | SGT-B0040-XX | 1 |

GC/FID Solution 2 (Carrier Gas = Make-Up Gas)



| Product | Part No. | Qty |
|-----------------------------|--------------|-----|
| Triple Filter | SGT-F0301 | 1 |
| Hydrocarbon/Moisture Filter | SGT-F0201 | 2 |
| 3 Position Base plate | SGT-B0030-XX | 1 |

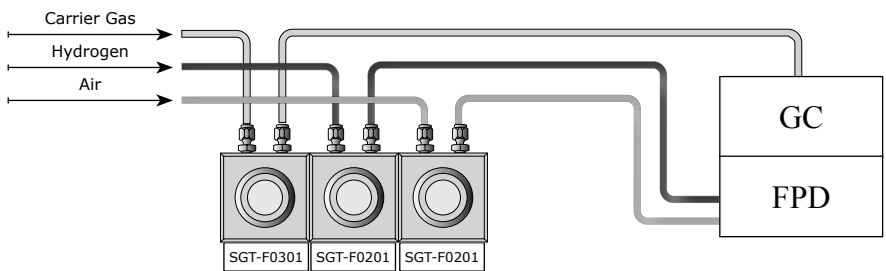
GC/FID Solution 3 (Carrier Gas differs from Make-Up Gas)



| Product | Part No. | Qty |
|-----------------------|--------------|-----|
| Triple Filter | SGT-F0301 | 1 |
| 1 Position Base plate | SGT-B0010-XX | 1 |

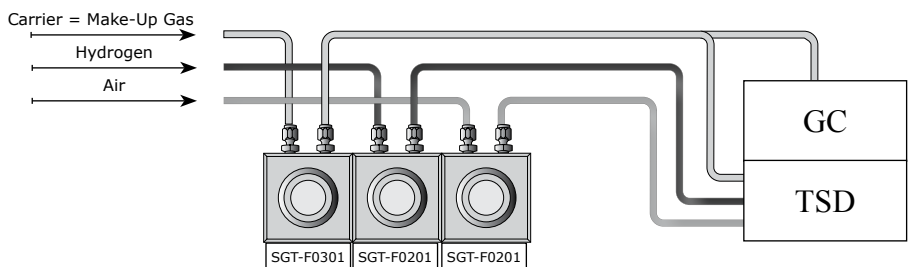
| Product | Part No. | Qty |
|-----------------------------|--------------|-----|
| Hydrocarbon/Moisture Filter | SGT-F0201 | 3 |
| 3 Position Base plate | SGT-B0030-XX | 1 |

GC (FPD/PFPD)



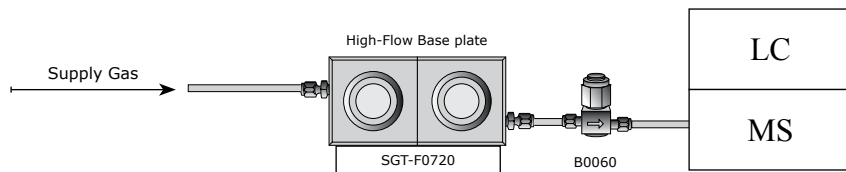
| Product | Part No. | Qty |
|-----------------------------|--------------|-----|
| Triple Filter | SGT-F0301 | 1 |
| Hydrocarbon/Moisture Filter | SGT-F0201 | 2 |
| 3 Position Base plate | SGT-B0030-XX | 1 |

GC (TSD/TID/NPD/PND)

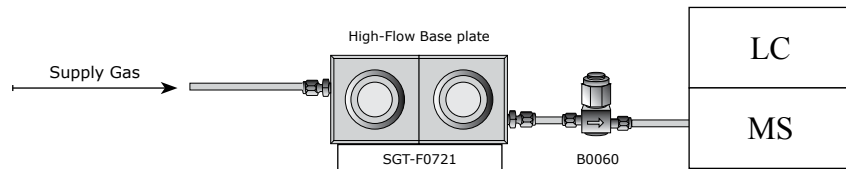


| Product | Part No. | Qty |
|-----------------------------|--------------|-----|
| Triple Filter | SGT-F0301 | 1 |
| Hydrocarbon/Moisture Filter | SGT-F0201 | 2 |
| 3 Position Base plate | SGT-B0030-XX | 1 |

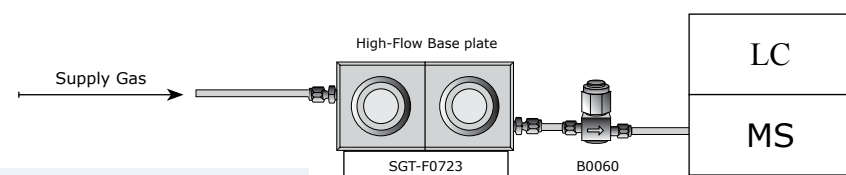
LC/MS



| Product | Part No. | Qty |
|-------------------------------------|--------------|-----|
| High Flow Hydrocarbon Filter Bundle | SGT-F0720 | 1 |
| Particle Filter | B0060 | 1 |
| High Flow Base plate | SGT-B0021-XX | 1 |



| Product | Part No. | Qty |
|----------------------------------|--------------|-----|
| High Flow Moisture Filter Bundle | SGT-F0721 | 1 |
| Particle Filter | B0060 | 1 |
| High Flow Base plate | SGT-B0021-XX | 1 |

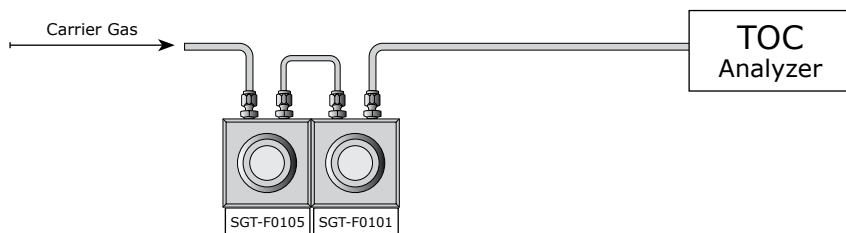


| Product | Part No. | Qty |
|--|--------------|-----|
| High Flow Hydrocarbon/Moisture Filter Bundle | SGT-F0723 | 1 |
| Particle Filter | B0060 | 1 |
| High Flow Base plate | SGT-B0021-XX | 1 |

TOC Analyzer

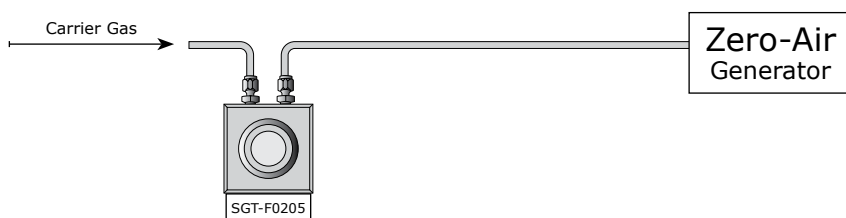


| Product | Part No. | Qty |
|-----------------------------------|--------------|-----|
| CO ₂ / Moisture Filter | SGT-F0205 | 1 |
| 1 Position Base plate | SGT-B0010-XX | 1 |

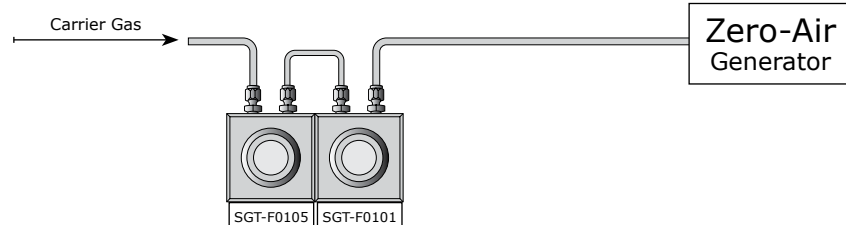


| Product | Part No. | Qty |
|------------------------|--------------|-----|
| CO ₂ Filter | SGT-F0105 | 1 |
| Moisture Filter | SGT-F0101 | 1 |
| 2 Position Base plate | SGT-B0020-XX | 1 |

Zero-Air Generator



| Product | Part No. | Qty |
|-----------------------------------|--------------|-----|
| CO ₂ / Moisture Filter | SGT-F0205 | 1 |
| 1 Position Base plate | SGT-B0010-XX | 1 |



| Product | Part No. | Qty |
|------------------------|--------------|-----|
| CO ₂ Filter | SGT-F0105 | 1 |
| Moisture Filter | SGT-F0101 | 1 |
| 2 Position Base plate | SGT-B0020-XX | 1 |

| | |
|----------------------|--|
| Catalog No. * | SGT-B1010-B8 SGT-B1011-B8 (Helium) SGT-B1012-B8 (Hydrogen) |
| Usable for | Benefit |
| GC/MS | Higher data accuracy and less maintenance |
| GC/ECD | Greater sensitivity |
| GC/TCD | Greater sensitivity and less maintenance |



TRIPLE FILTER KIT

The triple combination filter kit is ideal for purifying GC/MS carrier gases. It contains oxygen, moisture and hydrocarbon scrubbers in one easy to change economical cartridge.

| | |
|----------------------|--|
| Catalog No. * | SGT-B1015-B8 |
| Usable for | Benefit |
| GC/TCD | Greater sensitivity and less maintenance |



COMBI (OXYGEN/MOISTURE) KIT

The oxygen/moisture combination filter kit is ideal for purifying GC/ECD carrier gases. It contains oxygen and moisture scrubbers in one easy to change economical cartridge.

| | |
|----------------------|---------------------|
| Catalog No. * | SGT-B1014-B8 |
| Usable for | Benefit |
| TOC Analyzer | Greater sensitivity |
| Zero-Air generator | Cleaner gas |



COMBI (CO₂/MOISTURE) FILTER KIT

The carbon dioxide/moisture combination filter kit is ideal for TOC analysers and Zero-Air generators. It removes both carbon dioxide and moisture from gas streams.

| | |
|----------------------|---------------------|
| Catalog No. * | SGT-B1030-B8 |
| Usable for | Benefit |
| GC/FID | Greater sensitivity |



3 POSITION KIT

The FID Filter kit is the perfect all-in-one solution for purifying flame ionization detector (FID) fuel gases together with the carrier gas.

This kit removes hydrocarbons, moisture and oxygen from the carrier gas and removes both moisture and hydrocarbons from the Hydrogen and Air fuel gases.

| | |
|----------------------|---------------------|
| Catalog No. * | SGT-B1040-B8 |
| Usable for | Benefit |
| GC/FID | Greater sensitivity |



4 POSITION KIT

The high capacity FID Filter kit is the perfect all-in-one solution for purifying flame ionization detector (FID) fuel gases together with the carrier gas.

This kit removes both moisture and oxygen from the carrier gas and removes hydrocarbons from the Hydrogen and Air fuel gases.

* Standard fittings are 1/8" Brass. All Kits are available in 1/4" to 1/8" Brass and Stainless steel fittings. To order, replace Part No. suffix into '-B4' for 1/4" Brass, '-S8' for 1/8" Stainless steel and '-S4' for 1/4" Stainless steel fittings.

| | |
|----------------------|---------------------|
| Catalog No. * | SGT-B1020-B8 |
| Usable for | Benefit |
| FID | Greater sensitivity |



COMBI (MOISTURE/HYDRO-CARBON) FILTERS KIT

The Fuel Gas Filter kit is perfect for purifying flame ionization detector (FID) fuel gases, removing both moisture and hydrocarbons.

Using the Fuel Gas Filter for FID Hydrogen and air will produce a stable baseline, improving overall reproducibility and sensitivity.

| | |
|-----------------------|---------------------|
| Catalog No. ** | SGT-B1021-B4 |
| Usable for | Benefit |
| LC/MS | Greater sensitivity |



HIGH FLOW HYDROCARBON KIT

Up to 20 Liter of hydrocarbon-free nitrogen per minute with this LC/MS High Flow Kit.

| | |
|-----------------------|---------------------|
| Catalog No. ** | SGT-B1022-B4 |
| Usable for | Benefit |
| LC/MS | Greater sensitivity |



HIGH FLOW MOISTURE KIT

Up to 20 Liter of moisture-free nitrogen per minute with this LC/MS High Flow Kit.

| | |
|-----------------------|---------------------|
| Catalog No. ** | SGT-B1023-B4 |
| Usable for | Benefit |
| LC/MS | Greater sensitivity |



HIGH FLOW COMBI (HYDROCARBON/MOISTURE) KIT

Removes Moisture and Hydrocarbons from high flow gas streams.

| | |
|-----------------------|---------------------|
| Catalog No. ** | SGT-B1024-B4 |
| Usable for | Benefit |
| ICP-MS | Greater sensitivity |
| ICP-OES | Greater sensitivity |



HIGH FLOW COMBI (OXYGEN/MOISTURE) KIT

Removes Oxygen and Moisture from high flow gas streams.

* Standard fittings are 1/8" Brass. All Kits are available in 1/4" to 1/8" Brass and Stainless steel fittings. To order, replace Part No. suffix into '-B4' for 1/4" Brass, '-S8' for 1/8" Stainless steel and '-S4' for 1/4" Stainless steel fittings.

** Standard fittings are 1/4" Brass. All Kits are available in 1/4" Brass and Stainless steel fittings. To order, replace Part No. suffix into '-S4' for 1/4" Stainless steel fittings.

| | |
|-------------------------------|--|
| Catalog No. | SGT-F0101 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR, Air |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



MOISTURE FILTER

Moisture in carrier gas lines will prematurely degrade oxygen and hydrocarbon traps and increase detector noise. As a precaution, we highly recommend installing a moisture trap before the hydrocarbon and oxygen traps on all carrier gas lines.

| | |
|-----------------------|-------|
| Capacity | |
| H₂O | 7.2 g |

| | |
|-------------------------------|-----------------------------------|
| Catalog No. | SGT-F0102 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



OXYGEN FILTER

Oxygen is a column killer. It is present even in UHP gases, as minutes leaks at fittings allow oxygen to influx against the concentration gradient. Because oxygen can enter a gas line at any fitting or during gas bottle exchange, the oxygen trap should be the last connection before the gas line enters the chromatograph.

| | |
|----------------------|--------|
| Capacity | |
| O₂ | 150 mL |

| | |
|-------------------------------|--|
| Catalog No. | SGT-F0103 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR, Air |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



HYDROCARBON FILTER

Use a hydrocarbon trap if your gas has a potential source of hydrocarbon contaminants or if you suspect you are observing carrier gas ghost peaks. Install the hydrocarbon trap after the moisture trap, to prevent moisture from degrading the hydrocarbon-trapping ability of the activated carbon in the hydrocarbon trap.

| | |
|-----------------|----------------------------|
| Capacity | |
| HC | 12 g (as <i>n</i> -butane) |

| | |
|-------------------------------|--|
| Catalog No. | SGT-F0105 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR, Air |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



CARBON DIOXIDE FILTER

Removes carbon dioxide and sulfur from gas streams. To be used in combination with a Moisture Filter.

| | |
|-----------------------|------|
| Capacity | |
| CO₂ | 12 g |

Catalog No. SGT-F0201

Specifications

| | |
|------------------------|--|
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR, Air |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



COMBI (HYDROCARBON/ MOISTURE) FILTER

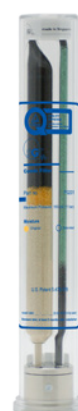
The Fuel Gas Filter is perfect for purifying flame ionization detector (FID) fuel gases, removing both moisture and hydrocarbons. Using the Fuel Gas Filter for FID Hydrogen and air will produce a stable baseline, improving overall reproducibility and sensitivity.

| Capacity | |
|------------------|---------------------------|
| H ₂ O | 3.5 g |
| HC | 6 g (as <i>n</i> -butane) |

Catalog No. SGT-F0202

Specifications

| | |
|------------------------|-----------------------------------|
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



COMBI (OXYGEN/MOISTURE) FILTER

This Combi trap is ideal for purifying carrier gas. It contains oxygen and moisture scrubbers in one easy to change economical cartridge.

| Capacity | |
|------------------|-------|
| H ₂ O | 3.5 g |
| O ₂ | 75 mL |

Catalog No. SGT-F0205

Specifications

| | |
|------------------------|--|
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR, Air |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



COMBI (CARBON DIOXIDE/ MOISTURE) FILTER

Removes carbon dioxide, sulfur and moisture from gas streams.

| Capacity | |
|------------------|-------|
| H ₂ O | 3.5 g |
| CO ₂ | 6 g |

Catalog No. SGT-F0301
SGT-F0302 (Helium Specific)
SGT-F0304 (Hydrogen Specific)

Specifications

| | |
|------------------------|-----------------------------------|
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 7 L/min. |
| Usable For | Inert carrier gas, He, H2, N2, AR |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.26 Kg |
| Estimated Lifetime | > 2 years |



TRIPLE (OXYGEN/MOISTURE/ HYDROCARBON) FILTER

The Triple trap is ideal for purifying carrier gas. It contains oxygen, moisture and hydrocarbon scrubbers in one easy to change economical cartridge.

| Capacity | |
|------------------|---------------------------|
| H ₂ O | 1.8 g |
| O ₂ | 75 mL |
| HC | 4 g (as <i>n</i> -butane) |

| | |
|-------------------------------|------------------|
| Catalog No. | SGT-F0720 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 20 L/min. |
| Usable For | Nitrogen |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.5 Kg |
| Estimated Lifetime | 3 to 6 months |



HIGH FLOW HYDROCARBON FILTER BUNDLE

Up to 20 Liter of hydrocarbon-free nitrogen per minute. To be used in combination with a high flow base plate.

| | |
|-----------------|----------------------------|
| Capacity | |
| HC | 24 g (as <i>n</i> -butane) |

| | |
|-------------------------------|--|
| Catalog No. | SGT-F0721 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 20 L/min. |
| Usable For | Inert carrier gas, He, H ₂ , N ₂ , AR, Air |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.5 Kg |
| Estimated Lifetime | 3 to 6 months |



HIGH FLOW MOISTURE FILTER BUNDLE

Removes moisture from high flow gas streams. To be used in combination with a high flow base plate.

| | |
|-----------------------|--------|
| Capacity | |
| H₂O | 14.4 g |

| | |
|-------------------------------|--|
| Catalog No. | SGT-F0723 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 20 L/min. |
| Usable For | Inert carrier gas, He, H ₂ , N ₂ , AR, Air |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.5 Kg |
| Estimated Lifetime | 3 to 6 months |



HIGH FLOW COMBI (HYDRO-CARBON/MOISTURE) FILTER BUNDLE

Removes Moisture and Hydrocarbons from high flow gas streams. To be used in combination with a high flow base plate.

| | |
|-----------------------|----------------------------|
| Capacity | |
| HC | 12 g (as <i>n</i> -butane) |
| H₂O | 7.2 g |

| | |
|-------------------------------|---|
| Catalog No. | SGT-F0724 |
| Specifications | |
| Outlet Gas Quality (%) | > 99.9999 |
| Maximum Pressure | 11 bar (160 psi) |
| Maximum Flow | 20 L/min. |
| Usable For | Inert carrier gas, He, H ₂ , N ₂ , AR |
| Dimensions | 24 cm x Ø 4.4 cm |
| Weight | 0.5 Kg |
| Estimated Lifetime | 3 to 6 months |



HIGH FLOW COMBI (OXYGEN/MOISTURE) FILTER BUNDLE

Removes Oxygen and Moisture from high flow gas streams. To be used in combination with a high flow base plate.

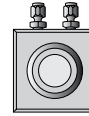
| | |
|-----------------------|--------|
| Capacity | |
| H₂O | 7.2 g |
| O₂ | 150 mL |

| Catalog No. | Fitting Type |
|--------------|--------------|
| SGT-B0010-B8 | 1/8" Brass |
| SGT-B0010-B4 | 1/4" Brass |
| SGT-B0010-S8 | 1/8" SS |
| SGT-B0010-S4 | 1/4" SS |



1 POSITION BASE PLATE

Single position base plate

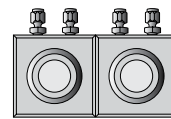


| Catalog No. | Fitting Type |
|--------------|--------------|
| SGT-B0020-B8 | 1/8" Brass |
| SGT-B0020-B4 | 1/4" Brass |
| SGT-B0020-S8 | 1/8" SS |
| SGT-B0020-S4 | 1/4" SS |



2 POSITION BASE PLATE

Double position base plate

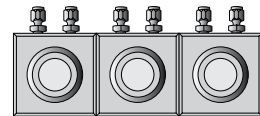


| Catalog No. | Fitting Type |
|--------------|--------------|
| SGT-B0030-B8 | 1/8" Brass |
| SGT-B0030-B4 | 1/4" Brass |
| SGT-B0030-S8 | 1/8" SS |
| SGT-B0030-S4 | 1/4" SS |



3 POSITION BASE PLATE

Three position base plate

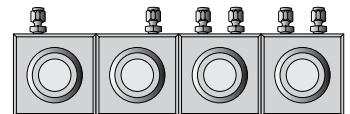


| Catalog No. | Fitting Type |
|--------------|--------------|
| SGT-B0040-B8 | 1/8" Brass |
| SGT-B0040-B4 | 1/4" Brass |
| SGT-B0040-S8 | 1/8" SS |
| SGT-B0040-S4 | 1/4" SS |



4 POSITION BASE PLATE

Four position base plate

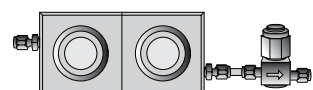


| Catalog No. | Fitting Type |
|--------------|--------------|
| SGT-B0021-B4 | 1/4" Brass |
| SGT-B0021-S4 | 1/4" SS |



HIGH FLOW BASE PLATE

High Flow double position base plate (in parallel)



| Catalog No. | Clip Type |
|---|-------------------------|
| SGT-E0040 | Filter Cartridge Clip |
| SGT-E0010 | Universal Ring Nut Clip |
| Usable for | |
| All base plates with Universal Ring Nut | |



ELECTRONIC INDICATOR

Electronic Maintenance Indicator device warns when scheduled filter replacement or base plate maintenance is due.

| | |
|--------------------|-------|
| Catalog No. | B0140 |
| Usable for | |
| All base plates | |



UNIVERSAL RING NUT

Universal Ring Nut to mount a filter or flush-cap on a base plate.

| | |
|--------------------|-------|
| Catalog No. | B0110 |
| Usable for | |
| All base plates | |



O-RING REPLACEMENT SET

A set of 10 + 10 replacement O-rings for replacing the O-rings on the in- and outlet valves on a base plate.

| | |
|--------------------|-------|
| Catalog No. | B0050 |
| Usable for | |
| All base plates | |



WALL-MOUNT BRACKET SET

Wall mounting brackets to mount a Base plate on a wall.

| | |
|--------------------|-------|
| Catalog No. | B0130 |
| Usable for | |
| All base plates | |



UNIVERSAL FLUSH-CAP SET

Flush-cap that mounts on a base plate, and allows the gas to pass through the base plate without a filter attached.

| Catalog No. | Connection Type |
|------------------------------------|-----------------|
| B0120 | 1/4" Brass |
| B0121 | 1/8" Brass |
| B0122 | 1/4" SS |
| B0123 | 1/8" SS |
| Usable for | |
| 1, 2, 3 and 4 position base plates | |



STANDARD BASE PLATE CONNECTOR SET

Replacement connectors for standard base plates.

| Catalog No. | Connection Type |
|-----------------------|-----------------|
| B0124 | 1/4" Brass |
| B0125 | 1/4" SS |
| Usable for | |
| High flow base plates | |



HIGH FLOW BASE PLATE CONNECTOR SET

Replacement connector for high flow base plates.

| Catalog No. | Description |
|-------------|---|
| B0060 | 0.5 Micron Particle Filter (1/4" Brass) |
| B0065 | 0.5 Micron Particle Filter Cup Replacement Pack |



PARTICULATE FILTER

Particulate filter for high flow base plates.

Installation Kits

| Part No. * | Description | qty. |
|--------------|---|------|
| SGT-B1010-B8 | SGT 1 Triple Filter Kit - 1/8" Brass Includes (1) 1 position base plate with 1/8" Brass inlet/outlet fittings and (1) Oxygen/Moisture/Hydrocarbon Trap | ea. |
| SGT-B1011-B8 | SGT 1 Triple Helium Specific Filter Kit - 1/8" Brass Includes (1) 1 position base plate with 1/8" Brass inlet/outlet fittings and (1) Oxygen/Moisture/Hydrocarbon Helium Specific Trap | ea. |
| SGT-B1012-B8 | SGT 1 Triple Hydrogen Specific Filter Kit - 1/8" Brass Includes (1) 1 position base plate with 1/8" Brass inlet/outlet fittings and (1) Oxygen/Moisture/Hydrocarbon Hydrogen Specific Trap | ea. |
| SGT-B1013-B8 | SGT Co2 Filter Kit - 1/8" Brass Includes (1) 1 position base plate with 1/8" Brass inlet/outlet fittings and (1) Carbon dioxide Trap | ea. |
| SGT-B1014-B8 | SGT Combi (Co2/Moisture) Filter Kit - 1/8" Brass Includes (1) 1 position base plate with 1/8" Brass inlet/outlet fittings and (1) Carbon dioxide/Moisture Trap | ea. |
| SGT-B1015-B8 | SGT Combi (Oxygen/Moisture) Kit - 1/8" Brass Includes (1) 1 position base plate with 1/8" Brass inlet/outlet fittings and (1) Oxygen/Moisture Trap | ea. |
| SGT-B1020-B8 | SGT 2 Combi Filters Kit - 1/8" Brass Includes (1) 2 position base plate with 1/8" Brass inlet/outlet fittings and (2) Hydrocarbon/Moisture Traps | ea. |
| SGT-B1030-B8 | SGT 3 Filters Kit - 1/8" Brass Includes (1) 3 position base plate with 1/8" Brass inlet/outlet fittings and (1) Oxygen/Moisture/Hydrocarbon Trap and (2) Hydrocarbon/Moisture Traps | ea. |
| SGT-B1040-B8 | SGT 4 Filters Kit - 1/8" Brass Includes (1) 4 position base plate with 1/8" Brass inlet/outlet fittings and (1) Moisture Trap, (1) Oxygen Trap, and (2) Hydrocarbon Traps | ea. |

High Flow Installation Kits

| Part No. ** | Description | qty. |
|--------------|--|------|
| SGT-B1021-B4 | SGT High Flow Hydrocarbon Filter Kit - 1/4" Brass Includes (1) 2 position high flow base plate with 1/4" Brass inlet/outlet fittings, (2) High Flow Hydrocarbon Traps, and a 1/4" Brass Particle Filter | ea. |
| SGT-B1022-B4 | SGT High Flow Moisture Filter Kit - 1/4" Brass Includes (1) 2 position high flow base plate with 1/4" Brass inlet/outlet fittings, (2) High Flow Moisture Traps, and a 1/4" Brass Particle Filter | ea. |
| SGT-B1023-B4 | SGT High Flow Combi (Hydrocarbon/Moisture) Filter Kit - 1/4" Brass Includes (1) 2 position high flow base plate with 1/4" Brass inlet/outlet fittings, (2) High Flow Combi (Hydrocarbon/Moisture) Traps, and a 1/4" Brass Particle Filter | ea. |
| SGT-B1024-B4 | SGT High Flow Combi (Oxygen/Moisture) Filter Kit - 1/4" Brass Includes (1) 2 position high flow base plate with 1/4" Brass inlet/outlet fittings, (2) High Flow Combi (Oxygen/Moisture) Traps, and a 1/4" Brass Particle Filter | ea. |

* Standard fittings are 1/8" Brass. All Kits are available in 1/4" to 1/8" Brass and Stainless steel fittings. To order, replace Part No. suffix into '-B4' for 1/4" Brass, '-S8' for 1/8" Stainless steel and '-S4' for 1/4" Stainless steel fittings.

** Standard fittings are 1/4" Brass. All Kits are available in 1/4" Brass and Stainless steel fittings. To order, replace Part No. suffix into '-S4' for 1/4" Stainless steel fittings.

Replacement Filters

| Part No. | Description | qty. |
|-----------|---|------|
| SGT-F0101 | SGT Moisture Filter | ea. |
| SGT-F0102 | SGT Oxygen Filter | ea. |
| SGT-F0103 | SGT Hydrocarbon Filter | ea. |
| SGT-F0105 | SGT Carbon dioxide Filter | ea. |
| SGT-F0201 | SGT Combi (Hydrocarbon/Moisture) Filter | ea. |
| SGT-F0202 | SGT Combi (Oxygen/Moisture) Filter | ea. |
| SGT-F0205 | SGT Combi (Carbon dioxide/Moisture) Filter | ea. |
| SGT-F0301 | SGT Triple (Oxygen/Moisture/Hydrocarbon) Filter | ea. |
| SGT-F0302 | SGT Triple (Oxygen/Moisture/Hydrocarbon) Helium-specific Filter | ea. |
| SGT-F0304 | SGT Triple (Oxygen/Moisture/Hydrocarbon) Hydrogen-specific Filter | ea. |

Replacement Filter Bundles

| Part No. | Description | qty. |
|-----------|--|------|
| SGT-F0730 | SGT Filter Bundle of 3 Includes (1) Oxygen/Moisture/Hydrocarbon Trap and (2) Hydrocarbon/ Moisture Traps | ea. |
| SGT-F0740 | SGT Filter Bundle of 4 Includes (1) Moisture Trap, (1) Oxygen Trap, and (2) Hydrocarbon Traps | ea. |

High Flow Replacement Filter Bundles

| Part No. | Description | qty. |
|-----------|---|------|
| SGT-F0720 | SGT High Flow Hydrocarbon Filter Bundle Includes (2) High Flow Hydrocarbon Filters | ea. |
| SGT-F0721 | SGT High Flow Moisture Filter Bundle Includes (2) High Flow Moisture Filters | ea. |
| SGT-F0723 | SGT High Flow Combi (Hydrocarbon/Moisture) Filter Bundle Includes (2) High Flow Combi (Hydrocarbon/Moisture) Filters | ea. |
| SGT-F0724 | SGT High Flow Combi (Oxygen/Moisture) Filter Bundle Includes (2) High Flow Combi (Oxygen/Moisture) Filters | ea. |

Base plates

| Part No. * | Description | qty. |
|--------------|--|------|
| SGT-B0010-B8 | SGT Base plate 1 Position - 1/8" Brass | ea. |
| SGT-B0020-B8 | SGT Base plate 2 Position - 1/8" Brass | ea. |
| SGT-B0030-B8 | SGT Base plate 3 Position - 1/8" Brass | ea. |
| SGT-B0040-B8 | SGT Base plate 4 Position - 1/8" Brass | ea. |

High Flow Base plates

| Part No. ** | Description | qty. |
|--------------|---|------|
| SGT-B0021-B4 | SGT High Flow Base plate 2 Position - 1/4" Brass Includes 1/4" Brass Particle Filter | ea. |

* Standard fittings are 1/8" Brass. All base plate are available in 1/4" to 1/8" Brass and Stainless steel fittings.
To order, replace Part No. suffix into '-B4' for 1/4" Brass, '-S8' for 1/8" Stainless steel and '-S4' for 1/4" Stainless steel fittings.

** Standard fittings are 1/4" Brass. All high flow base plates are available in 1/4" Brass and Stainless steel fittings.
To order, replace Part No. suffix into '-S4' for 1/4" Stainless steel fittings.

Electronic Maintenance Indicator

| Part No. | Description | qty. |
|-----------|--|------|
| SGT-E0010 | Electronic Maintenance Indicator Kit for Universal Ring Nut For use with Universal Ring Nut. Includes Electronic Indicator Device, Battery, USB Cable and Mounting clip. | ea. |
| SGT-E0040 | Electronic Maintenance Indicator Kit for Super Clean Gas Filters For use with Super Clean Gas Filters. Includes Electronic Indicator Device, Battery, USB Cable and Mounting clip. | ea. |
| B0140 | Universal Ring Nut | ea. |

Replacement O-Rings for all Cartridge base plates

| Part No. | Description | qty. |
|----------|-----------------------------------|--------|
| B0110 | Base plate O-ring Replacement Set | 20/pk. |

Wall mounting Bracket for all Cartridge base plates

| Part No. | Description | qty. |
|----------|---------------------------|------|
| B0050 | Wall-mounting Bracket Set | ea. |

Base plate Flush Cap Replacement Set

| Part No. | Description | qty. |
|----------|---|-------|
| B0130 | Universal Flush Cap Replacement Set Compatible with normal and high flow base plates | 2-pk. |

Base plate fittings

| Part No. | Description | qty. |
|----------|--------------------------------------|-------|
| B0120 | Connector Set - 1/4" Brass | 6/pk |
| B0121 | Connector Set - 1/8" Brass | 6/pk |
| B0122 | Connector Set - 1/4" Stainless steel | 6/pk. |
| B0123 | Connector Set - 1/8" Stainless steel | 6/pk. |

High Flow Base plate fittings

| Part No. | Description | qty. |
|----------|--|-------|
| B0124 | High Flow Connector Set - 1/4" Brass | 6/pk. |
| B0125 | High Flow Connector Set - 1/4" Stainless steel | 6/pk. |

Particle Filter for High flow Base plates

| Part No. | Description | qty. |
|----------|---|--------|
| B0060 | 0.5 Micron Particle Filter (1/4" Brass) | ea. |
| B0065 | 0.5 Micron Particle Filter Cup Replacement Pack | 12/pk. |