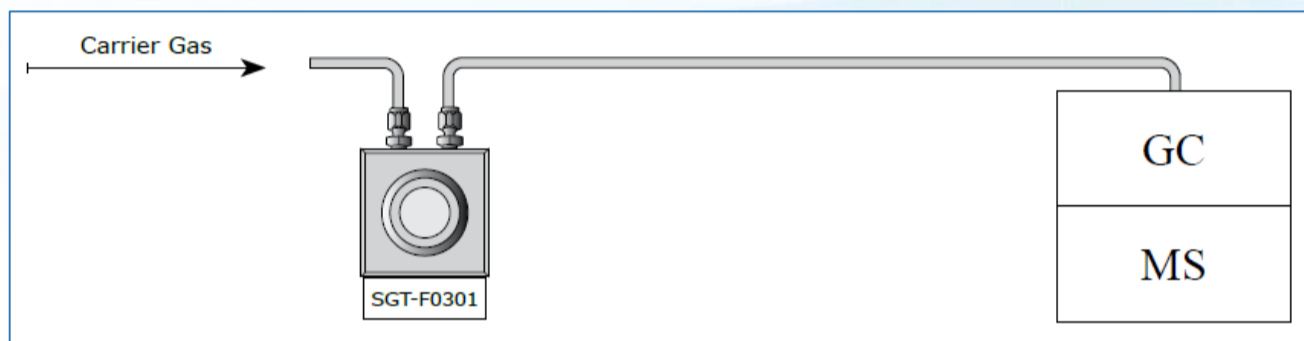


SUPER CLEAN™ GAS FILTER

GC / MS STARTER KIT



Kit contained:

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



TRIPLE FILTER KIT (SGT-B1030-B8)

- Gas traps are compatible to base plates from major GC brands in the market.
- Same performance at much economical price.
- 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.

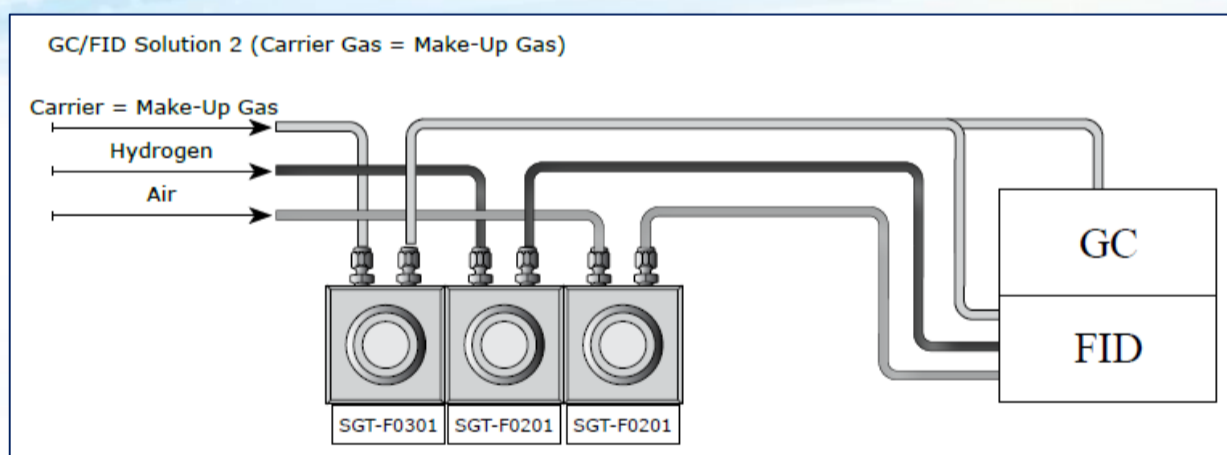
Usable for

- GC / MS**
- GC / ECD**
- GC / TCD**

Benefit

- Higher data accuracy and less maintenance
- Greater sensitivity
- Greater sensitivity and less maintenance

GC / FID STARTER KIT



Kit contained:

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



3 POSITION KIT (SGT-B1030-B8)

- 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.



INDIVIDUAL CARTRIDGES

MOISTURE FILTER

Catalogue 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, H ₂ , N ₂ , AR, Air
Dimensions	24 cm x Ø 4.4 cm
Weight	0.26 Kg
Estimated Lifetime	> 2 years
Capacity	H ₂ O (7.2 g)



- Moisture in carrier gas lines will prematurely degrade oxygen and hydrocarbon traps and increase detector noise.
- It is recommended to install a moisture trap before the hydrocarbon and oxygen traps on all carrier gas lines.

OXYGEN FILTER

Catalogue 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, H ₂ , N ₂ , AR
Dimensions	24 cm x Ø 4.4 cm
Weight	0.26 Kg
Estimated Lifetime	> 2 years
Capacity	O ₂ (150 mL)



- 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.

HYDROCARBON FILTER

Catalogue 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, H ₂ , N ₂ , AR, Air
Dimensions	24 cm x Ø 4.4 cm
Weight	0.26 Kg
Estimated Lifetime	> 2 years
Capacity	HC (12 g as n-butane)



- 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.

COMBI (HYDROCARBON / MOISTURE) FILTER

Catalogue 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, H ₂ , N ₂ , AR, Air
Dimensions	24 cm x Ø 4.4 cm
Weight	0.26 Kg
Estimated Lifetime	> 2 years
Capacity	H ₂ O (3.5 g) HC (6 g as n-butane)



- 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.

COMBI (OXYGEN / MOISTURE) FILTER

Catalogue 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, H ₂ , N ₂ , AR
Dimensions	24 cm x Ø 4.4 cm
Weight	0.26 Kg
Estimated Lifetime	> 2 years
Capacity	H ₂ O (3.4 g) O ₂ (75 mL)



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

TRIPLE (OXYGEN / MOISTURE / HYDROCARBON) FILTER

Catalogue 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, H ₂ , N ₂ , AR
Dimensions	24 cm x Ø 4.4 cm
Weight	0.26 Kg
Estimated Lifetime	> 2 years
Capacity	H ₂ O (1.8 g) O ₂ (75 mL) HC (4 g as n-butane)



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