

# D72 SGE Gas Purifiers and Filters

## Gas Purifiers

Contamination of gas chromatography pneumatic systems which causes costly instrument repairs and column damage, can be prevented by using gas purifiers.

Metal frits are used on the inlet and outlet of all SGE gas purifiers which prevents particles from entering the GC downstream of the trap.

Purifier	GF-MS (Disp)	GF-O (Disp)	GF-MSX (Disp)	GF-IOT (Disp)
Contaminate				
Oxygen	NO	YES	NO	YES
Water	YES	NO	YES	NO
Organics	NO	NO	YES	YES

### Moisture Trap - GF-MS



Description	Fittings	Part No.	Price
Molecular sieve 12" long x 1" OD stainless steel outer casing	1/8"	103487	

#### Features

- With gas flows of 1mL/min., the trap can remove moisture down to 10ppb.
- Impervious outer stainless steel casing.
- Can be used on all air, hydrogen and nitrogen carrier gas lines.

### Hydrocarbon Trap - GF-MSX



Description	Fittings	Part No.	Price
Molecular sieve and organic absorber 12" long x 1" OD stainless steel outer casing	1/8"	103488	

#### Features

- Absorbs hydrocarbon contaminants in the carrier gas.
- Can remove hydrocarbons to achieve a level as low as 15ppb.
- Impervious outer stainless steel casing.

### Oxygen Trap - GF-O



Description	Fittings	Part No.	Price
Oxygen absorber 12" long x 1" OD stainless steel outer casing	1/8"	103486	

#### Features

- Can remove oxygen to achieve a level as low as 15ppb.
- Impervious outer stainless steel casing.

### Indicating Oxygen Trap - GF-IOT



Description	Fittings	Part No.	Price
Indicating Oxygen trap 7" long glass inside a 1" OD transparent plastic sheath	1/8"	103491	

#### Features

- Can remove oxygen to achieve a level as low as 15ppb.
- Impervious outer stainless steel casing.