

Simple and Worry Free Gas Filters

Know When to Replace Your Filter

The indicator on each Zebron™ Gas Management Filter will notify you when it is time to change your filter.*

Never Disrupt Your Gas Line!

Once the connecting unit is installed, you will be able to change filters as often as needed without interrupting the gas line.



Attach a New Filter in Under 20 Seconds

Avoid system downtime by attaching a new filter to your gas line in seconds! Simply remove the old filter from the connecting unit, replace the o-ring, and click in a new one!

Customize Your Set Up

The easy to install connecting unit can be fixed to a bench or wall-mounted to adapt to your laboratory.

*Hydrocarbon filters do not include a color indicator

Easy to Install, Easy to Replace Gas Filters

REPLACE · REORDER · RELAX

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Phenomenex products are available worldwide. For the distributor in your country,
contact Phenomenex USA, International Department at international@phenomenex.com

Easy to Install, Easy to Replace Gas Filters



REPLACE
REORDER
RELAX

Improve Your GC Analysis And Reduce Your Costs

High Capacity Filters Extend Your GC Column's Lifetime

The high adsorption capacity of the Zebtron™ Gas Management Filters removes contaminants from mobile phase gases, reducing potential column bleed, increasing the lifetime of your column, and protecting sensitive GC detectors from damage.

Oxygen



Max Capacity:
150 mL Oxygen

Moisture



Max Capacity:
7.2 g Water

Hydrocarbon



Max Capacity:
~7 g Organic
Compounds

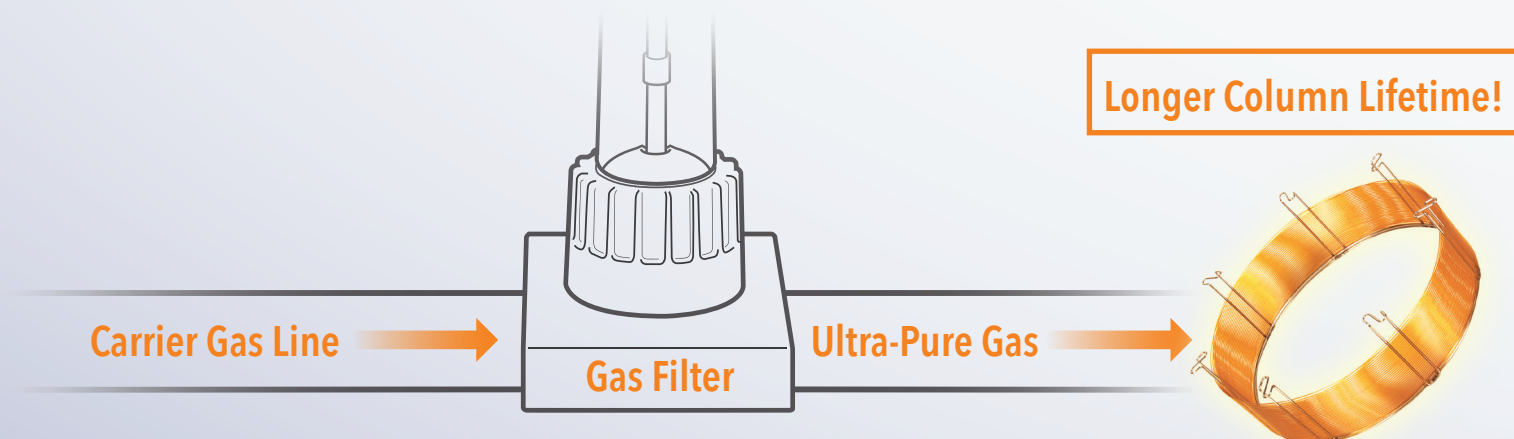
Universal



Max Capacity:
100 mL Oxygen
1 g Water
Organic Compound capacity
depends on impurities

Improve the Purity of Your Gas

Simply install the Zebtron Gas Management Filter to remove any impurities that may be present.



Remove Common Contaminants

Oxygen Filter

Removes oxygen, as well as chlorine and sulfur, and prevents oxidation of:

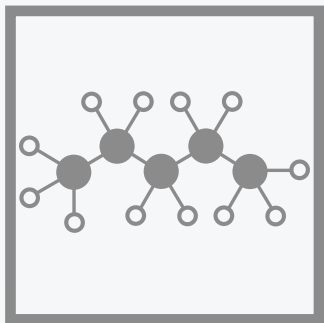
- your GC column's stationary phase
- consumables such as septum, glass wool, and liners
- ECD and MS detectors



Most suitable for carrier gas & collision gas for MS/MS

Hydrocarbon Filter

Organic compounds within gas lines can hinder the performance of FID detectors by producing poor baseline measurements. Filtering out these compounds can result in improved detection and performance and better quantitation.



Most suitable for carrier gas & collision gas for MS/MS

Moisture Filter

The presence of water can result in hydrolysis of your GC column's stationary phase and fused silica surface and can adsorb on glass wool liners. Removing water will allow for faster detector stabilization for detectors such as MS and ECD and improves ionization of analytes in the MS source.



Most suitable for carrier gas,
detector gases & collision gas for MS/MS

Universal Filter

By combining the power of an oxygen, moisture, and hydrocarbon filter, the universal filter will provide worry free filtration of a variety of contaminants.



Most suitable for carrier gas

Did You Know...

GC-MS systems require nearly half a day to vent and restart. Removing air and moisture with Zebron™ Gas Management Filters and Traps will reduce the amount of downtime spent restarting your MS system.

Find Your Zebron Gas Management Filter!

Use the chart below to select the best filters for your GC analysis.

Detector	Fitting	Connecting Unit		Filter # 1		Filter # 2		Filter # 3		Filter # 4	
		Description	Part No. (ea)	Description	Part No. (ea)	Description	Part No. (ea)	Description	Part No. (ea)	Description	Part No. (ea)
MSD	1/4" (in.)	1 Position	AG5-2101	Universal	AG5-1040	—	—	—	—	—	—
MSD	1/8" (in.)	1 Position	AG5-2201	Universal	AG5-1040	—	—	—	—	—	—
TCD	1/4" (in.)	2 Position	AG5-2102	Oxygen	AG5-1010	Moisture	AG5-1020	—	—	—	—
TCD	1/8" (in.)	2 Position	AG5-2202	Oxygen	AG5-1010	Moisture	AG5-1020	—	—	—	—
ECD	1/4" (in.)	2 Position	AG5-2102	Oxygen	AG5-1010	Moisture	AG5-1020	—	—	—	—
ECD	1/8" (in.)	2 Position	AG5-2202	Oxygen	AG5-1010	Moisture	AG5-1020	—	—	—	—
FID	1/4" (in.)	4 Position	AG5-2103	Hydrocarbon	AG5-1030	Hydrocarbon	AG5-1030	Oxygen	AG5-1010	Moisture	AG5-1020
FID	1/8" (in.)	4 Position	AG5-2203	Hydrocarbon	AG5-1030	Hydrocarbon	AG5-1030	Oxygen	AG5-1010	Moisture	AG5-1020
NPD	1/4" (in.)	4 Position	AG5-2103	Hydrocarbon	AG5-1030	Hydrocarbon	AG5-1030	Oxygen	AG5-1010	Moisture	AG5-1020
NPD	1/8" (in.)	4 Position	AG5-2203	Hydrocarbon	AG5-1030	Hydrocarbon	AG5-1030	Oxygen	AG5-1010	Moisture	AG5-1020
FPD	1/4" (in.)	4 Position	AG5-2103	Hydrocarbon	AG5-1030	Hydrocarbon	AG5-1030	Oxygen	AG5-1010	Moisture	AG5-1020
FPD	1/8" (in.)	4 Position	AG5-2203	Hydrocarbon	AG5-1030	Hydrocarbon	AG5-1030	Oxygen	AG5-1010	Moisture	AG5-1020

TIP! Use Inline Traps in Conjunction with Cartridge Style Filters for Total Protection Against Contaminants



With an oversized capacity containing 750 cc of media, Zebron gas traps will filter gas as it enters your laboratory, extending the lifetime of your cartridge style filters AND your GC column and detector.

Trap Type	Fitting	Capacity	Part No. (ea)
Oxygen	1/4" (in.)	750 cc adsorptive media	AG5-3110
	1/8" (in.)	750 cc adsorptive media	AG5-3210
Moisture	1/4" (in.)	750 cc adsorptive media	AG5-3120
	1/8" (in.)	750 cc adsorptive media	AG5-3220
Hydrocarbon	1/4" (in.)	750 cc adsorptive media	AG5-3130
	1/8" (in.)	750 cc adsorptive media	AG5-3230
Universal	1/4" (in.)	750 cc adsorptive media	AG5-3140
	1/8" (in.)	750 cc adsorptive media	AG5-3240

guarantee

If Zebron Gas Management products do not perform as well or better than your current gas management product, return the product with comparative data within 45 days for a FULL REFUND.

Visit
www.phenomenex.com/GasManagement
to learn more about Zebron Gas
Management Filters and Traps