

Gas filters | Hydrocarbon

Gas filters are an essential part of your GC analysis as contaminants in gases can significantly impact the quality of results. Oxygen, hydrocarbons and moisture can lead to problems such as noisy baselines, moisture entering the GC column, excessive bleed and septa degradation. Even if carrier gas is of the highest quality, contaminants can be picked up from every part of the gas line. Therefore, a gas filter is needed to ensure that maximum productivity is achieved.

Features and benefits

- Capacity of approximately 7 g, depending on impurities.
- Can be used in combination with other filters through a simple connecting unit.

Recommended applications

- FID (flame ionization detectors) for air and hydrogen.
- PID (photoionization detectors) when used with an oxygen filter.

Product specifications

The gas filter system consists of two key parts: the connecting unit and the filters. The connecting unit has inlet and outlet connectors for the gas lines, and the system can be wall-mounted or fixed to a bench. Connecting units come with a 1, 2 or 4 filter capacity and are available for 1/4" or 1/8" gas lines.

Each gas filter consists of adsorbent packed into a transparent and virtually unbreakable, heavy-walled polycarbonate housing.



Filter type	Hydrocarbon
Function	Removes organic compounds from gas streams
Indicator color change	No indicator
Capacity	Approximately 7 g, depending on impurities
Outlet concentration at operating flow of 1-10 L/min	<0.1 ppm

For more information about this product visit www.trajanscimed.com or contact techsupport@trajanscimed.com