

Gas filters | FID kit

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 150 mL oxygen, 7.2 g water, 7 g organics, depending on impurities.
- Indicator color change tells you when to change your filter.
- Can be used in combination with other filters through a simple connecting unit.

Recommended applications

- FID (flame ionization detectors)

Product specifications

The gas filter FID kit 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 are available for 1/4" or 1/8" gas lines.

Gas filter FID kit includes:

- 4 x Gas filters (2 x hydrocarbon, 1 x oxygen, 1 x moisture)
- 1 x Connecting unit - 4 position



Filter type	Hydrocarbon, oxygen, moisture
Function	Removes water, oxygen and organic compounds
Indicator color change	Oxygen: From green to gray Moisture: From green to pale brown Hydrocarbon: No indicator
Capacity	150 mL oxygen, 7.2 g water, approximately 7 g organics depending on impurities
Outlet concentration at operating flow of 1-10 L/min	Oxygen <50 ppb Moisture <0.1 ppm Organics <0.1 ppm

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