

Gas filters | Big Trap - Oxygen

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

- High capacity filters ideal for bulk purification.
- Can be used where several instruments are plumbed from a single gas source.
- Sintered stainless steel frits prevent particulate contamination.

Recommended applications

- ECD (electron capture detectors) and TCD (thermal conductivity detectors) when used with a moisture filter.
- PID (photoionization detectors) when used with a hydrocarbon filter.
- ICP-AES (also referred to as ICP-OES) and ICP-MS.

Product specifications

The Big Trap gas filter is a 750 cm³ gas filter designed with a pressure rating up to 250 psig.

The one-piece, heavy-walled aluminium tube eliminates potential leaks and the sintered stainless steel frits prevent particulate contamination.



Filter type	Oxygen
Function	Removes oxygen as well as traces of sulfur and chlorine compounds from the carrier gas
Capacity	3 L
Efficiency	<1 ppb

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