

Gas purifiers | Big Trap - Hydrocarbon

Gas purifiers 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 purifier is needed to ensure that maximum productivity is achieved.

Features and benefits

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

Recommended applications

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

Product specifications

The Big Trap gas purifier is a 750 cm³ gas purifier 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	Hydrocarbon
Function	Removes organic compounds from gas streams
Capacity	80 g depending on impurities
Efficiency	<15 ppb

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