

Gas filters | Big Trap - Universal

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

- GC and GCMS applications where helium is employed.

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	Universal - suitable for helium, hydrogen and nitrogen
Function	Removes oxygen, moisture, hydrocarbons, carbon dioxide and carbon monoxide
Capacity	A cumulative level of 100 µg/L of oxygen, moisture, hydrocarbons, carbon dioxide and carbon monoxide at a flow rate of 8 L/min
Efficiency	<100 ppb

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