

Accessories | ZPure™ Glass PolyGas

Pure gas is a critical requirement in gas chromatography, spectroscopy, optics, lithography, and numerous other applications in manufacturing and analytical laboratories. The ZPure™ PolyGas purifiers remove a wide range of contaminants to trace levels. It can be used as a stand alone filter or to provide end-point detection.

Features and benefits

- High-efficiency in-line traps with outstanding capacity.
- High quality activated adsorbents for long purifier life and efficient contaminant removal.
- Filter lifetime is dependent on quality of incoming gas, and the flow rate.
- Highly sensitive indicators.
- Double safety seal and individually leak-tested.



Recommended applications

It can be used to purify inert gases, He, Ar, N₂, and H₂, making it ideal for use with GC and GC/MS carrier gas lines. It is also recommended for any application requiring ultra-pure gas free from oxygen, water and hydrocarbons (heavier than butane).

Product specifications

Glass PolyGas I							
Function	Capacity	Indicator color change	Outlet concentration at nominal flow rate	Flow rate (nominal-max)	Max pressure	Dimensions	Fittings
Removes oxygen, water, CO ₂ , CO, halogenated compounds, siloxanes, hydrocarbons heavier than butane, sulfur-containing molecules, ammonia and other gases	80 cc oxygen 1.4 g water 1 g hydrocarbons	Oxygen: From green to gray Moisture: From blue to pale brown Hydrocarbon: No indicator	Oxygen < 5 ppb Moisture < 20 ppb Organics < 5 ppb	200 mL/min - 400 mL/min	11 bar / 160 psi	3.8 cm x 26.3 cm	1/8" and 1/4" brass and stainless steel compression

Glass PolyGas II							
Function	Capacity	Indicator color change	Outlet concentration at nominal flow rate	Flow rate (nominal-max)	Max pressure	Dimensions	Fittings
Removes water, CO ₂ , CO, halogenated compounds, siloxanes, hydrocarbons heavier than butane, sulfur-containing molecules, ammonia and other gases	1.9 g water 1.8 g hydrocarbons	Moisture: From blue to pale brown Hydrocarbon: No indicator	Moisture < 20 ppb Organics < 5 ppb	200 mL/min - 400 mL/min	11 bar / 160 psi	3.8 cm x 26.3 cm	1/8" and 1/4" brass and stainless steel compression

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