Accessories | ZPure™ 0₂/H₂0

Pure gas is a critical requirement in gas chromatography, spectroscopy, optics, lithography, and numerous other applications in manufacturing and analytical laboratories. The ZPureTM line of filters remove a wide range of contaminants to trace levels.

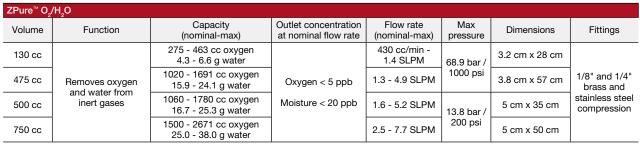
Features and benefits

- High efficiency in-line traps with outstanding capacity.
- High quality activated adsorbents for long purifier life and efficient contaminant removal.
- Various size and fitting configurations to fit existing installations.
- Filter lifetime is dependent on quality of incoming gas, and the flow rate.
- Individually leak-tested.

Recommended applications

It can be used to purify inert gases, He, Ar, N_2 , and H_2 , 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 and moisture.

Product specifications



¹⁾ Oxygen capacity is a function of flow rate - the nominal oxygen capacity is determined using the nominal flow rate. The maximum oxygen capacity is determined using 30% of the nominal flow rate.

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



²⁾ The nominal water capacity is determined for an inlet impurity level of 200 ppm H₂O. The maximum water capacity is determined for an inlet impurity level of 10000 ppm H₂O.

³⁾ The nominal hydrocarbon capacity is determined for an inlet impurity level of 500 ppm pentane. The maximum hydrocarbon capacity is determined for an inlet impurity level of 2300 ppm pentane.

⁴⁾ Nominal flow rate is the recommended flow rate for an estimated gas purifier life of 1 year. This assumes the following inlet impurities: 1 ppm O₂, 1 ppm H₂O, and 1 ppm HC (C5 and heavier). The maximum recommended flow rate is recommended for intermittent use only.