Gas filters

PRODUCT DATA

Accessories | SPure™ H_2O

Pure gas is a critical requirement in gas chromatography, spectroscopy, optics, lithography, and numerous other applications in manufacturing and analytical laboratories. The SPure™ H2O filters remove moisture, oil and dust from air and inert gases.

Features and benefits

- High-strength polycarbonate body with aluminum end caps.
- Available with standard brass and stainless steel compression fittings.
- Not recommended for house compressed air lines or for GC carrier gases.
- Not for use with hazardous, flammable, or reactive gases.

Recommended applications

It can be used to remove moisture, oil and dust from air and inert gases. It is suitable for general purpose, non-critical laboratory use.

Product specifications

SPure™ H_2O							
Volume	Function	Capacity (nominal-max)	Flow rate (nominal-max)	Max pressure	Dimensions	Fittings	Body material
88 cc	Removes water, oil and dust	6.3 - 11.0 g water	0.680 - 6.8 SLPM	6.89 bar / 100 psi	3.8 cm x 26.3 cm	1/8" and 1/4" brass and stainless steel compression	Polycarbonate
116 cc		8.3 - 14.4 g water	0.900 - 9.0 SLPM		3.8 cm x 31.8 cm		Polycarbonate
240 cc		17.2 - 29.9 g water	1.85 - 18.5 SLPM		5.6 cm x 28.5 cm		Polycarbonate
400 cc		28.6 - 49.8 g water	3.0 - 30.0 SLPM		5.6 cm x 41.9 cm		Polycarbonate

1) The nominal water capacity is determined for an inlet impurity level of 200 ppm H_2O. The maximum water capacity is determined for an inlet impurity level of 10000 ppm H_2O.

2) 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 H_2O. The maximum recommended flow rate is recommended for intermittent use only.

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