

# ASYNT GASTRAP™ HELIUM

Ideal for purifying helium used in gas chromatography, especially GC/MS

## FEATURES

Max flow 300ml/min

Impurities <2ppm

Switch between Run and Purge flow rates

Maintenance Free

**Achieve ultra high purity Helium.....99.9999%**

Deliver faster stabilization times for increased GC productivity.  
Remove oxygen, moisture, and hydrocarbons from the carrier gas for MS applications and provide complete GC column protection.

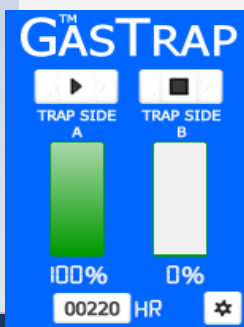
The GT-He comprises a mini PSA unit to selectively trap oxygen, nitrogen, moisture, carbon dioxide and hydrocarbons from a helium gas supply.

GT-He **self-regenerates** every cycle and operates silently without service.

- GT-He allows the use of lower grade/cost 99.996% to helium to achieve >99.9995% purity.

- Save replacing disposable filters.

**ULTRA HIGH PURITY HELIUM**



A touch screen color LCD HMI allows users to set Run and Purge flow rates for GC/MS and rapidly switch between.

Full operation is continuously displayed

**Save £3,000 per year per GC**



Gas Feed	Helium
Max Pressure	12 barg, 175psig
Electrical Supply	90-260v, 50/60Hz, 10W
Connections	1/8" NPT/BSP female taper thread IN/OUT
Noise Level	52dBA at 1m (silent)
Flow Rates (set by user)	Default: Run 25ml/min    Purge 300ml/min (User can switch between Run/Purge for optimum purification of Helium)
Contaminants Removed	O <sub>2</sub> , H <sub>2</sub> O, CO <sub>2</sub> , N <sub>2</sub> , HC
Contaminant removal ratio	50:1 at 20ml/min    10:1 at 300ml/min (impurities <2ppm)
Regenerating (waste) gas	10% of average flow
Dimensions unpacked	185 x 130 x 305mm high 4.5Kg 7 1/4" x 5 1/8" x 12" high 9.9lbs
Dimensions packed	230 x 170 x 370mm high 5kg 9" x 6 3/4" x 14 1/2" high 11lbs
Manufacturing Standards	ISO9001:2008 Certificate 68083/1/0001/UK/En

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