

# GASTRAP PURIFIERS



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## GasTrap Purifiers | An alternative to gas filters

GASTRAP™ gas purifiers and generators reduce impurities by a factor of 20.

Start with 15ppm impurity levels and reduce to <1.5ppm.

Self-cleaning making disposable gas-line filters redundant.

Ideal for analytical devices (GC/MS/LCMS/ELSD).

## Supply multiple GC's from a single GasTrap

With the GasTrap you don't need expensive disposable gas filters.

GasTrap removes up to 98% of impurities\* and **never** saturates.

Fitting a Self regenerating GasTrap removes trace contaminants by a factor of 20:1, i.e 20 parts per million oxygen, water or CO<sub>2</sub> are each reduced to 1PPM.

\*O<sub>2</sub>, H<sub>2</sub>O, CO<sub>2</sub>, N<sub>2</sub>, HC



# GasTrap Purifiers

# GASTRAP PURIFIERS

## GT-N<sub>2</sub>

**Gas Feed : Nitrogen**  
 Max Pressure : 12barg 175psi  
 Electrical Supply : 90-260V 50/60Hz 10W  
 Connections : 1/8" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 Contaminants Removed : O<sub>2</sub>, H<sub>2</sub>O, CO<sub>2</sub>, HC

Ideal for purifying nitrogen used in gas chromatography especially GC/ECD.

**Dimensions :**  
 185 x 130 x 305mm 4.5kg  
 7 1/4" x 5 1/8" x 12" (H) 9.9lbs



**NITROGEN**

## GT-He

**Gas Feed : Helium**  
 Max Pressure : 12barg 175psi  
 Electrical Supply : 90-260V 50/60Hz 10W  
 Connections : 1/8" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 Contaminants Removed : O<sub>2</sub>, H<sub>2</sub>O, CO<sub>2</sub>, N<sub>2</sub>, HC

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

**Dimensions :**  
 185 x 130 x 305mm 4.5kg  
 7 1/4" x 5 1/8" x 12" (H) 9.9lbs



**HELIUM**

## GT-H<sub>2</sub>

**Gas Feed : Hydrogen**  
 Max Pressure : 12barg 175psi  
 Electrical Supply : 90-260V 50/60Hz  
 Connections : 1/8" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 Contaminants Removed : O<sub>2</sub>, H<sub>2</sub>O, CO<sub>2</sub>, N<sub>2</sub>, HC

Ideal for purifying hydrogen used in gas chromatography especially GC/MS.

**Dimensions :**  
 185 x 130 x 305mm 4.5kg  
 7 1/4" x 5 1/8" x 12" (H) 9.9lbs



**HYDROGEN**

## GT-AN

**Gas Feed : Air / Nitrogen**  
 Max Pressure : 12barg 175psi  
 Electrical Supply : 90-260V 50/60Hz  
 Connections : 1/8" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 Contaminants Removed : O<sub>2</sub>, H<sub>2</sub>O, CO<sub>2</sub>, HC

Ideal for purifying nitrogen used in gas chromatography especially GC/ECD.

**Dimensions :**  
 185 x 130 x 305mm 4.5kg  
 7 1/4" x 5 1/8" x 12" (H) 9.9lbs



**AIR & NITROGEN**

## GT-Ar

**Gas Feed : Argon**  
 Max Pressure : 12barg 175psi  
 Electrical Supply : 90-260V 50/60Hz 10W  
 Connections : 1/8" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 Contaminants Removed : O<sub>2</sub>, H<sub>2</sub>O, CO<sub>2</sub>, HC

Ideal for purifying argon used in gas chromatography especially GC/ECD.

**Dimensions :**  
 185 x 130 x 305mm 4.5kg  
 7 1/4" x 5 1/8" x 12" (H) 9.9lbs



**ARGON**

## GT-AIR

**Gas Feed : Air**  
 Max Pressure : 12barg 175psi  
 Electrical Supply : 90-260V 50/60Hz 10W  
 Connections : 1/8" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 Contaminants Removed : H<sub>2</sub>O, CO<sub>2</sub>, HC

Ideal for purifying air used in gas chromatography especially GC/FID, FPD, TSD.

**Dimensions :**  
 185 x 130 x 305mm 4.5kg  
 7 1/4" x 5 1/8" x 12" (H) 9.9lbs



**AIR**

## GTTG-N500

**Inlet Gas : Compressed Air**  
**Outlet Gas : Nitrogen**  
 Max N<sub>2</sub> Pressure : 9barg 135psi  
 Electrical Supply : 90-260V 50/60Hz 10W  
 Connections : 1/4" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 N<sub>2</sub> Flow Rate : max 500ml/min  
 N<sub>2</sub> Purity : 99.999% (<10%ppm O<sub>2</sub>, H<sub>2</sub>O, CO<sub>2</sub>, HC)

Ideal for producing nitrogen onsite for use in gas chromatography especially GC/ECD

**Dimensions :**  
 185 x 130 x 610mm 9kg  
 7 1/4" x 5 1/8" x 24" (H) 20lbs



**NITROGEN**

## GTTG-LCMS-1

**Inlet Gas : Compressed Air**  
**Outlet Gas : Nitrogen**  
 Max N<sub>2</sub> Pressure : 9barg 135psi  
 Electrical Supply : 90-260V 50/60Hz 10W  
 Connections : 1/4" BSP Female In & Out  
 Noise Level : 52dBA @ 1M  
 N<sub>2</sub> Flow Rate : 50NL/min  
 N<sub>2</sub> Purity : 99% (<10%ppm H<sub>2</sub>O, CO<sub>2</sub>)

Ideal for producing nitrogen onsite to supply LC-MS

**Dimensions :**  
 185 x 130 x 610mm 9kg  
 7 1/4" x 5 1/8" x 24" (H) 20lbs



**NITROGEN**

**Other flowrates and purities are available, please contact us for details.**