

GASTRAP PURIFIERS

GasTrap Purifiers | An alternative to gas filters



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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 CO2 are each reduced to 1PPM.

*O₂, H₂O, CO₂, N₂, HC



GasTrap Purifiers

GASTRAP PURIFIERS

GT-N₂

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 : O₂, H₂O, CO₂, 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 : O₂, H₂O, CO₂, N₂, 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-H₂

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 : O₂, H₂O, CO₂, N₂, 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 : O₂, H₂O, CO₂, 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 : O₂, H₂O, CO₂, 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 : H₂O, CO₂, 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 N₂ Pressure : 9barg 135psi
 Electrical Supply : 90-260V 50/60Hz 10W
 Connections : 1/4" BSP Female In & Out
 Noise Level : 52dBA @ 1M
 N₂ Flow Rate : max 500ml/min
 N₂ Purity : 99.999% (<10%ppm O₂, H₂O, CO₂, 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 N₂ Pressure : 9barg 135psi
 Electrical Supply : 90-260V 50/60Hz 10W
 Connections : 1/4" BSP Female In & Out
 Noise Level : 52dBA @ 1M
 N₂ Flow Rate : 50NL/min
 N₂ Purity : 99% (<10%ppm H₂O, CO₂)

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.