

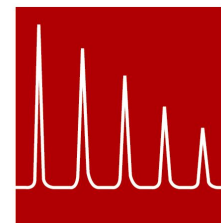
Carrier Gas Purifier

Helium & Argon

AGC

INSTRUMENTS

Gas Chromatography since 1965



Purifying Helium & Argon for better results



Features:

The AGC Model 75-800 Noble Gas Purifier is based on heating of purifying pellets which have been coated with a thin oxide layer. When these pellets are heated, impurities in the gas stream passed over them are trapped.

By continuously diffusing the impurities into the purifying material, a fresh reactive surface is maintained. This reaction will ensure that the output gas is produced at least 2 grades better than the input gas.

By having a low ppb impurity level in carrier and detector gases, longer life and better sensitivities are achieved. This quality of gas is essential to run sensitive Ionisation Detectors. Pure Helium for the AGC Discharge Ionisation Detector (DID) and pure Argon for the AGC High Frequency Argon Discharge Detector (HFADD).

Target Market:

Purifying GC carrier and detector gases for:

- Discharge Ionization Detector (DID)
- High Frequency Argon Discharge Detector (HFADD)

Purifying Utility gases for:

- Continuous Spectral Emission Analyzers for N₂ in Argon Purity or in Helium Purity

Specifications:

Impurities removed:	H ₂ O, O ₂ , CO, CO ₂ , THC, H ₂ , N ₂ (to <1 ppb each)
Recommended Operating Temperature:	350°C
Maximum Conditioning Temperature:	450°C
Max. Recommended Operation Pressure:	10 bar
Max. Flow Rate:	500 ml
Standard Fittings:	1/8" VCR
Power requirements:	110/220/240 V, 50/60 Hz, 500 VA
Net weight*:	9 kg

Configurations available:

- (i) Stand-Alone version with the Series 600 GC or 3rd Party GC's.
- (ii) Integrated into the AGC Series 100 Rack GC or AGC Series 600 GC

Applications:

Purifying Grade 5.5 Helium or Argon to Grade 6.5 or better

Headquarters:

AGC Instruments Ltd, Unit 2, Shannon Free Zone West, Shannon, Co. Clare, Ireland

T: +353 61 471632

F: +353 61 471042

E: sales@agc-instruments.com

W: www.agc-instruments.com

China Representative Office:

AGC Instruments Ltd, 3th Floor, C1, Townfactory, No.18 Keyuan Road, Daxing Industrial Development Zone, Beijing 102628, China.

T: +86 10 6021 5983

F: +86 10 6021 5902

E: sales@agc-instruments.cn

W: www.agc-instruments.com