



Petrochemical Freon Gases



www.dps-instruments.com

For over 80 years, chlorofluorocarbons have been the compounds of choice to use as refrigerants, which are compounds used in heat cycles that undergo a phase change from a gas to a liquid and back. Until concerns about depletion of the ozone layer, global warming, and the rise in cases of skin cancer. In the 1980's, the most widely used refrigerants were the chlorofluoromethanes, R-12 and R-22, with R-12 being more common in automotive air conditioning and small refrigerators, and R-22 being used for residential and light commercial air conditioning, refrigerators, and freezers. More recently, less ozone destructive compounds like Freon 134, which is a fluorocarbon only, have been developed to replace the ozone depleting chlorofluorocarbons. The DPS Freon Gases GC Systems are designed with safety in mind to check the purity of the Freon, monitor workplace conditions, detect leaking refrigerants, or monitor concentrations in the atmosphere. Let the latest designed high resolution column and the sensitive FID detector do the hard work for you. We have also added a Gas Sampling Valve to automate your sampling and analysis. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Freon Gases GC Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Available Configurations Include:

- 600-C-090 - Series 600 Freon Gases GC Analyzer (FID, Valve, 1m)
- 500-C-090 - Companion 1 Portable Freon Gases GC Analyzer (FID, Valve, 1m)



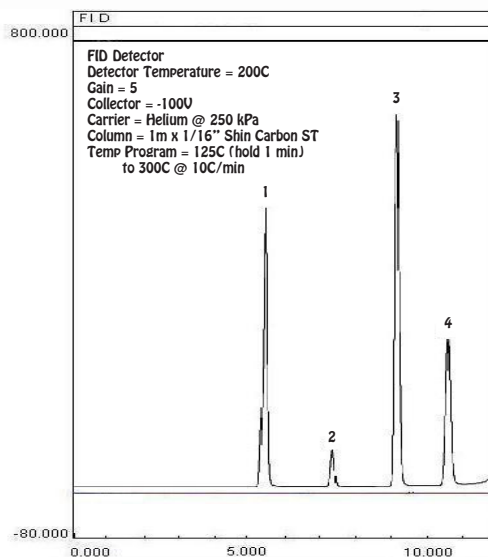
Series 600 GC



Companion 1 Portable GC

Freon Gases

Peak	Component	Area
1	Freon 134	2911.8
2	Freon 12	639.5
3	Freon 113	306.7
4	Freon 114	1684.6



11/2015
Specifications may change without notice.