



Pharmaceuticals

Cold Medicines



www.dps-instruments.com

One of the most important pharmaceutical applications is the GC analysis of basic drugs. This broad category encompasses a variety of stimulants, and sedatives, which includes cold medicines. Each of these drugs has rigid specifications placed on the purity of the products formulation, which we as consumers appreciate most when we feel the onset of the common cold. The DPS Cold Medicines GC Systems are designed with safety in mind to check the drug purity throughout the manufacturing process. Each GC System is configured with the latest high resolution capillary column and the sensitive FID detector to quickly detect these compounds. The Series 600 GC is for analyses in the lab, or use the Portable Companion 1 GC Systems for analyses right where the samples are taken. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Cold Medicines GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Available Configurations Include:

- 600-C-124 - Series 600 Cold Medicines GC Analyzer (FID, 30m)
- 500-C-124 - Companion 1 Portable Cold Medicines GC Analyzer (FID, 30m)



Series 600 GC

Cold Medicines



Companion 1 Portable GC

Peak	Component	Area
1	Phenylpropanolamine	586.2
2	Phenylephrine	237.1
3	Guafenesin	542.7
4	Pheniramine	496.2
5	Phenyltoloxamine	469.8
6	Chlorpheniramine	528.0
7	Brompheniramine	421.4
8	Dextromethorphan	516.7
9	Pyrilamine	456.1
10	Codeine	478.4
11	Hydrocodone	373.1

