



Environmental Air Analyzers



www.dps-instruments.com

When you need the lowest level air analyses possible count on the Air Analyzers from DPS Instruments. All of our Air Analyzers include detectors tuned to their highest sensitivity and the largest dynamic range. For your convenience, we build the Air Concentrator right into the system, which includes an electronically controlled vacuum pump with a flow controller for precise and reproducible air sampling, microelectronic sampling valve, and adsorbent trap. The Series 600 GC is ideal for analyses in the lab, or use the Portable Companion 2 GC Systems for analyses right where the samples are taken. Common configurations include a FID for hydrocarbons, PID for aromatics such as Benzene, and the ultra-sensitive BCD for chlorinated compounds. A combination of detectors covers most environmental methods. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Air GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Available Configurations Include:

- 600-C-019 - Series 600 Air GC Analyzer (FID, PID, BCD, Air Concentrator, 2 x 30m)
- 600-C-018 - Series 600 Air Pollutants GC Analyzer (PID, BCD, Air Concentrator, 30m)
- 500-C2-018 - Companion 2 Air GC Analyzer (PID, BCD, Air Concentrator, 30m)

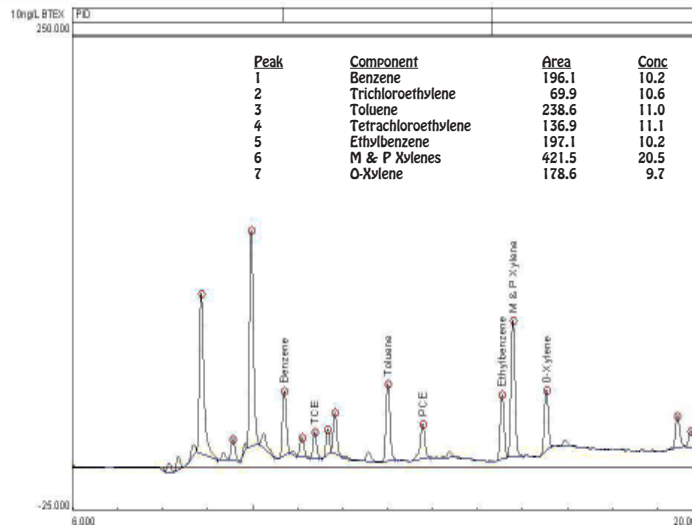


Series 600 GC

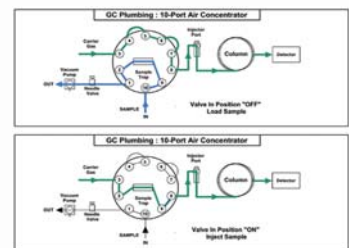


Companion 2 Portable GC
(with Air Concentrator)

BTEX with Air Concentrator - 10 ppb



PID Detector
 Detector Temperature = 150C
 High Voltage = 600V
 Gain = 4
 Collector = -100V
 Valve = 100C
 Carrier = Helium @ 40 kPa = 10mls/min
 Pump 5min @ 50mls/min = 250mls
 Column = 30m x 0.53 MXT-624
 Temp Program = 60C (hold 9 min) to 150C @ 10C/min



11/2015
Specifications may change without notice.