Система для анализа BTEX OI Analytical

OI Analytical's BTEX Analysis System is the total package for analyzing Benzene, Toluene, EthylBenzene, and Xylenes (BTEX) in water, soil, and solids based on USEPA methods.

Our BTEX Analysis System offers preconfigured systems to simplify and customize instrumentation to provide complete GC-based solutions. A powerful lineup of instruments working together ensures reliable analyses of even the most challenging analytical problem. The BTEX Analysis System product lineup includes: Agilent GC, OI Analytical Model 4760 Purge-and-Trap Sample Concentrator, Model 4450 Tandem PID/FID, columns, and standards.

Principal applications for the System VPH include: Massachusetts Volatile Petroleum Hydrocarbon (VPH) method; benzene, toluene, ethylbenzene, xylenes, and other aromatics (BTEX); USEPA Methods 602, 8015, and 8020; GRO and DRO; leaking underground storage tank monitoring; fuel spills in soils; combined total leachate program; fuels in water (wastewater); ISO 15009 and 15680; and standard methods 6200C.

BTEX Analysis System Features:

Standard system package includes all necessary hardware for analysis: Agilent GC, OI Analytical Model 4760 Purge-and-Trap Sample Concentrator, Model 4450 Tandem PID/FID, columns, and standards

Sample Concentrator provides built-in Cyclone Water Management, rapid trap heating and cooling, Silcosteel sample pathway, unique protective sparge filter design, and optional Infra-Sparge Sample Heater for improving sample recoveries

Uses the Tandem PID/FID for excellent sensitivity and linearity

PID hidden-window design prevents lamp fouling

Third detector capability offers additional analyses

Choice of capillary columns

Choice of autosamplers available for automated analysis

Optional automated pH measurement

Includes installation and startup using appropriate standards or methods in systems delivered in the U.S.

Standard System VPH and System BTEX Hardware	Eclipse Purge-and-Trap Sample Concentrator Model 4450 Tandem PID/FID detector system Agilent GC OI Analytical low-dead-volume injector or Agilent split/splitless injector Method-appropriate GC capillary column

Performance Specifications	
Minimum Detectable Mass	
PID	<40 pg benzene
FID	5 pg carbon/second propane
Dynamic Range	
PID	$>10^6$
FID	±10% over a 10^6 range
Communications Interface	Ethernet/LAN connection to the sample concentrator and GC
Detector Output	1V full-scale analog voltage

Requirements	
Power Requirements	110 VAC (±10%), 60 Hz 220 VAC (±10%), 50 Hz
Benchspace Requirements	109.2 linear cm (43 inches) for a standard system
Gas Requirements	Ultrahigh purity H_2, and He (99.999% purity or better)

По вопросам продаж и поддержки обращайтесь:

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