Focused Photonics Inc.

EXPEC AMBIENT VOC ANALYZER

VOC-115 analyzer uses dual-column, dual-valve switching technology, and hydrogen flame ionization detector (FID) technology for the detection of methane and non-methane hydrocarbons.
VOC-210 adopts cold temperature enrichment and high-temperature thermal desorption technology for sample enrichment, and the detector adopts FID technology to measure BTEX.

- Adopt heat tracing method, no residue left of high concentration samples, and comes with the advantage of accurate measurement data reliability;
- Uses EPC, EFC to control carrier gas, air, and hydrogen with high accuracy and repeatability;
- Automaticly hydrogen shut-off function after the FID detector flame is extinguished to ensure system safety;

	VOC-115	VOC-210
Measurement	Methane, NMHC, Total Hydrocarbons	Benzene, Toluene, Ethylbenzene, M/p-xylene, O-xylene, etc.
Range	Methane: (0.1~1000) ppm; NMHC: (0.05~100) ppm/(1~1000)ppm;	(0~300) ppb
Detectable Limit	ppm~ppb	
Repeatability	RSD ≤ 2%	
Analytical Cycle	≤1min	≤15min
Carrier Gas	Pure Nitrogen or Zero Air (>99.995%)	Pure Nitrogen (>99.995%)
Output	4~20mA, RS232/RS485, Ethernet	