



DATASHEET

# APEX VOC

Speciate up to 20 VOC gases

Apex VOC is a series of three portable, autonomous, cloud-enabled VOC analyzers designed to operate in both indoor and outdoor environments. The analyzer's real-time measurement capabilities enable timely actionable insights and eliminate operational and service costs associated with labor, processing time, and laboratory testing.



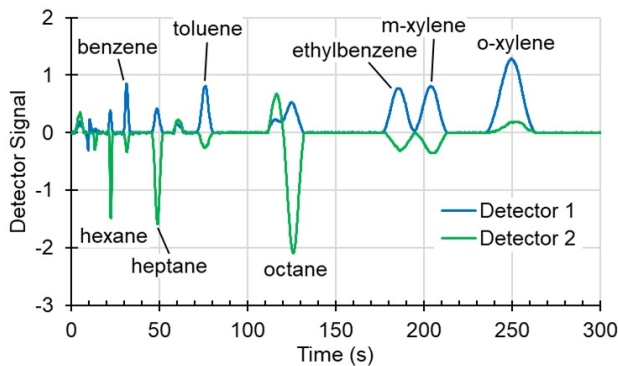
Apex VOC was developed with ease-of-use and manageability in mind. Cloud-based IoT connectivity allows each analyzer or a cluster of analyzers to be managed remotely through a single screen management console. Connectivity includes Wi-Fi and optional cellular (4G/LTE). This capability enables analyzers to be deployed at local and remote locations and managed from anywhere in the world. The management application tool tracks VOC data over time, monitors analyzer health, identifies analyzer location, and provides customers with the ability to program the measurement frequency.



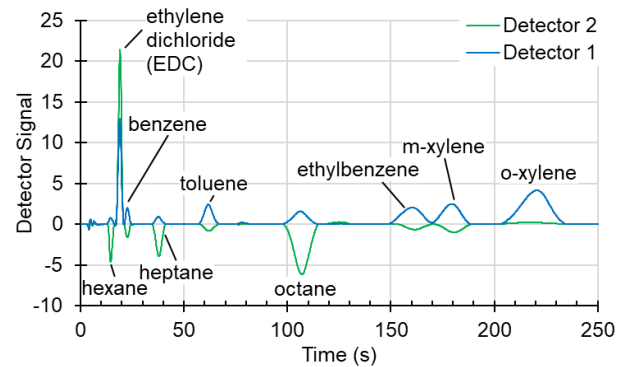
## Technical specs

	2240	2240EB	2260
Measuring Component	Benzene, toluene, m-xylene and o-xylene (BTX)	Benzene, Ethylene dichloride (EDC)	Benzene, toluene, m-xylene and o-xylene (BTX), others by request
<b>Limit of Detection</b>			
Benzene	<1 ppb	<1 ppb	<1 ppb
Toluene	<1 ppb	n/a	<1 ppb
m-Xylene	<1 ppb	n/a	<1 ppb
O-Xylene	<1 ppb	n/a	<1 ppb
Ethylene dichloride (EDC)	n/a	<1 ppb	

### 2240/2260



### 2240EB



### Characteristics

VOC Detector	Omniscient MEMS
Other Sensors	Temperature, relative humidity, flowmeter
Pump Flow Rate	0.5 - 15 sccm
Communication	Wi-Fi LTE via ext modem
Sensor Cloud	Secure IoT cloud infrastructure
Sampling Time	2- 40 minutes (User programmable)
Embedded Data Storage	32 GB

### Environmental

Relative Humidity	0 - 100%
Ambient Temperatures	0 - 40°C (32-104° F)

### Power

Power Supply Input	100-120/200-240 VAC
Power Supply Output	V1: +12V/7A; V2: +24V/4A
Fail Safe	4 Amps
Power Consumption	50W Max, 4W Idle, Typical 25W

### Field Installation

Dimensions	H: 35.26 cm (13.87 in.) W: 20cm (8 in.), D: 14.61cm (5.75 in.)
Weight	7.3 kg (16 lbs.)
Housing Material	Aluminum

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