

Accurate ppb Measurements of VOC's

The use of portable PID's in ppb measurements is not a very accurate method since the PID's are only measuring low mV signals at ppb levels. Our new Model 201 C has been modified to accurately measure ppb levels of VOC's. We have added a programmable concentrator that will trap the VOC's then thermally desorb them as a concentrated sample into a photoionization detector (PID). The signals now are tens or hundreds of mV which can be easily measured.

Applications include: ppb measurements of VOC's in ambient air, laboratory air, indoor air pollution, total VOC's in stack gases, non methane hydrocarbon measurements, air quality in semiconductor clean rooms, .quality control of gases (ppb of VOC's in . gases). This technique can also be used to improve the accuracy of headspaceheadspace measurements in soil or water applications

Specifications-

- Analysis time-**2.30 minutes
- Detection Limit:** < 1 ppb
- Sorbents-** Carbotrap, 100-400 Tenax TA + others
- Programmable**
- Prnt to:PC** with Hyperterminal or diectly into Exceli
- Detectors:** PID or FID
- Enclosures:** NEMA 4 wall or 19" rack mount

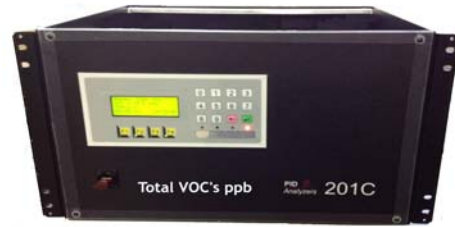
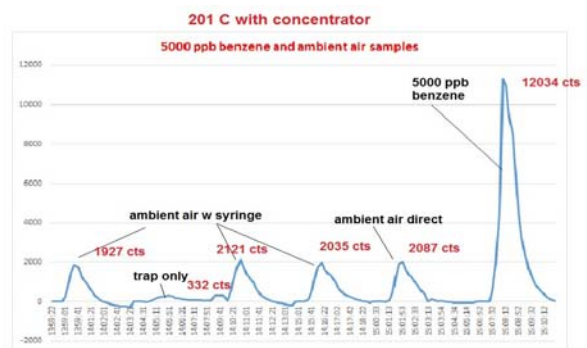


Photo of Model 201C 19" Rack



VOC's in Ambient Air and 2500 ppb benzene



65 ppb of VOC's in Zero Gas

PID Analyzers, LLC
2 Washington Circle
Sandwich, MA 20563
T: 1 774 413 6281
em: sales@hnu.com
url: www.hnu.com