ENVItech Bohemia s.r.o.
Ovocná 34, Praha 6, 161 00
www.envitech.cz

ENVItech - ENVI-VOC

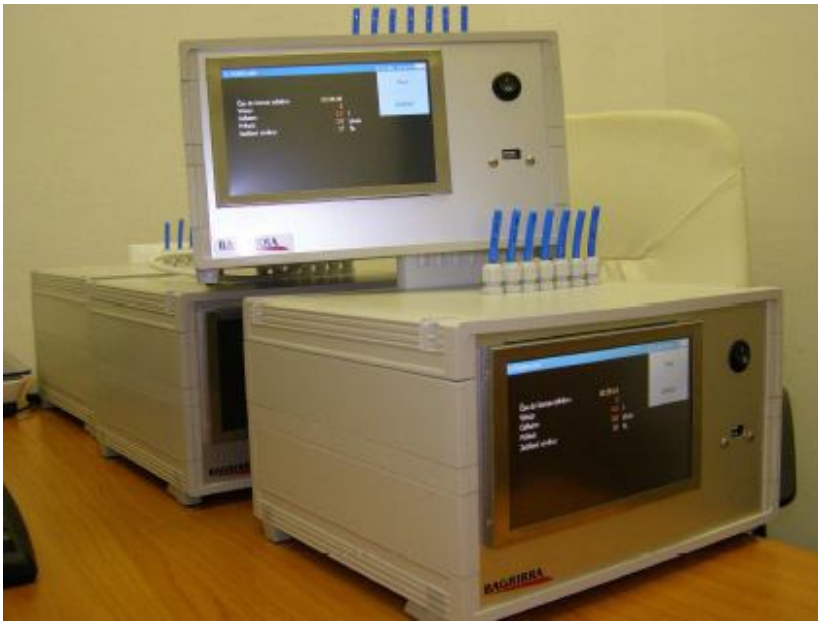
VOC (VOLATILE ORGANIC COMPOUNDS) SAMPLER

Volatile Organic Compound (VOC) Sampler ENVI-VOC is designed to continuously collect ambient air samples, fully in compliance with EN 14662-1:2005 regulation, for determination of volatile organic compounds, in a period of stand-alone operation during 7/14 days (depending on the version).

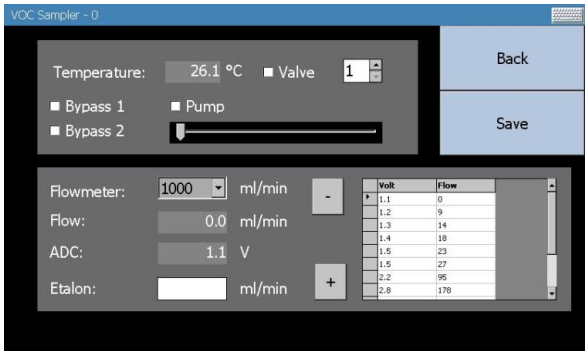
General characteristics:

- pumped sampling followed by thermal desorption, solvent desorption and gas chromatography
- standard method for determination of benzene concentrations in ambient air
- easy-to-use device designed to follow national/international standards
- a simple and cost effective method of collecting the large number of samples required
- flexible amount of sorbent tubes (up to 16)
- sampling conditions configurable for each sampling line separately
- effective flow rate regulation with precise mass flow controllers
- flexible flow rate ranges based on target application (from 0.5 ml/min)
- microprocessor based control unit

- built-in calibration functions
- user friendly control through Touch screen
- detail recording of all parameters and events
- USB and Ethernet data outputs, including remote control possibility
- both indoor and outdoor versions available
- compact IP40/IP56 enclosure
- low weight (6.2 kg)
- operation temperature: 0°C to +40 °C
- low power consumption (15 VA)
- oil free pump
- After power cut the instrument will automatically continue sampling process since the interrupted point. The parameters of the sampling will be stored in the instruments.



Main application areas:



- whichever vapour-phase organic chemicals are of interest
- atmospheric research
- pollution monitoring, mapping and control
- protection of environment
- air quality control
- indoor air quality monitoring
- industrial applications
- Assembling with Markes 3½" (89 mm) long x ¼" (6.4 mm) O.D. tubes (standard for most thermal desorption applications).

US EPA Method TO-17, EN ISO 16017, EN 14662, ASTM D-6196, etc. or other tubes on your request.