

ON-LINE MONITORING SYSTEM

# APK 720R OS

## SYSTEM FOR AMBIENT AIR / FOR SF6



### ON-LINE VOCs MONITORING SYSTEM FOR AMBIENT AIR

The APK720R-OS is an Online Monitoring System for VOCs in ambient air. Analyzed compounds include sulfur compounds, Green House Gases (like SF6), aromatics, etc. This system is normally installed on site and continuously analyzes samples. All the procedures, including sampling, analysis and data processing, are fully automated and it provides highly reliable analytical data. The system is designed with an inert coating (Silcosteel) which minimizes reactions and breakdown of the sampled analytes.

### PRODUCT FEATURES AND ADVANTAGES

- On-site installation type of on-line monitoring system (continuous analysis)
- Concentration/Analysis for ultra-trace (from ppb to ppt level) VOCs in the air, sulfur compounds, and the greenhouse gases, SF6 (optional)
- Implementation of full automated data processing
- Minimize the loss of the samples due to adsorption and deformation
- Perfect compatibility with analyzers of various Makers
- Sub Items (low-temperature concentration and thermal desorption instrument for laboratory use)

### PATENT

- 10-1066418 : Improved sample pretreatment unit applied to low temperature concentration of gas phase material
- 10-1134068 : A sampling analysis instrument using super low-temperature concentration system

### SPECIFICATION

SPECIFICATIONS	
Concentration Temp.	-20°C, -80°C (optional)
Desorption Temp.	100°C ~ 350°C
Valve Heat Box	Max. 200°C
Transfer Line	100°C ~ 200°C Silco Steel® 1/32"
Analysis Cycle Time	Adjustable (May vary depending on target sample)
Cooling Type	Electrical, Refrigerator
Sampling and Injection Dual Valve System	
PC Control	APK Control II
Power	220VAC, 50/60Hz, 3KW, 15A