

Applications in environmental monitoring

APPLICATION AREA	EXAMPLE	CALIBRATION MIXTURE
Monitoring of air quality	Emissions control nets Laboratories for air quality control	SO ₂ /NO _x /CO/CO ₂ /C _n H _m BTEX in ppm/ppb multicomponent mixtures of VOC in ppb
Fixed stations for the control of emissions	Waste disposal	SO ₂ /NO _x /CO/CO ₂ /C _n H _m NH ₃ /HCl/HF, ...in ppm
	Thermoelectric power plant	SO ₂ /NO _x /CO/CO ₂ /C _n H _m in ppm
	Chimney stocks emissions	BTEX/VOC/SO ₂ /NO _x /COCl ₂ in ppm/ppb
Car sector	Control of car gaseous emissions	CO/CO ₂ /C ₃ H ₈ in N ₂

BTEX: Benzene - Toluene - Etilbenzene - Xilene VOC: Volatili Organic Compound