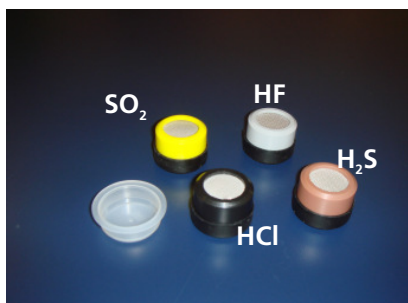


Diffusive samplers

suitable for H_2S , HF, HCl,

Enclosed you receive diffusive samplers for air quality measurement. The pollutant of concern is identified by the color.



Installation of monitoring site

The diffusion tubes are placed in a shelter to protect them from light and to minimize the influence of strong wind. In the absence of other requirements samplers should be exposed at heights of 2 - 3 m above the ground in positions of unrestricted air movement. In order to avoid sampling in the boundary layer close to walls, preferred sites are free standing columns, lamp posts etc. The samplers should not be easily reached by unauthorized persons and be located in situations where loss through theft or vandalism are unlikely.



In indoor environment, samplers can be mounted without shelter but with clips.

Description of monitoring site

The concentration value is representative only for the immediate sampling site. To interpret ambient values it is important to have a precise description of

the monitoring site, and if possible a photographic documentation.

Monitoring

At the beginning of sampling, the plastic cap opposite of label is removed.

The samplers are mounted into the protection shelter as figure shows.



The cap is retained and replaced at the end of the sampling period.

Sampling record

The samplers are marked with a passam code. The code together with the site identification are noted in the record; further on the starting and the ending time of the measurement.

Project: power plant CKW (Example) Color of tube: yellow

Site Code	Code passam	Start Date	Time	End Date	Exposure time	hours	Remarks
Fuxing Lu Nr. 127	CKW2	12.6.01	12:00	26.6.01	12:00	332	
Plant entrance	CKW4	12.6.01	12:10	26.6.01	12:10	332	
Wucheng Lu	CKW16	12.6.01	12:25	26.6.01	12:55	332.5	wet

Storage and mailing

Exposed as well as unexposed sampler should be stored, if possible, in a refrigerator; at least in a dark, cool place. Shelf life is 6 month before use and at least 4 month after exposure.

Please do not leave the samplers in a closed car that is exposed to direct sunlight or extreme temperatures.

The exposed sampler should be sent back regularly, at least every 8 weeks, to the laboratory for analysis.