

Continuous sampler for Mercury in stack

MECS

Mercury Emission Continuous Sampling

Main Characteristics:

- Fully compliant with CEN TS 17286.
- Sampling on 2 parallels sorbent traps.
- Sampling from 15 minutes up to 4 weeks
- Fully automated sampling
- No needs to dismount complete sampling unit to change sampling tubes.
- Full remote control via 3G/4G.
- Flow measurement via Pitot tube (option)
- Low maintenance

Composition of instrument :

- Sampling Unit on stack
- Control Unit

The Sampling Unit can be mounted outdoor and it can get started at any time with no need of long preparation time. All the material to which the flow stream comes in contact are glass for sampling tubes and titanium or stainless steel for the other part of the sampling probe.

Known volumes of flue gas are continuously extracted through paired, in-stack, pre-spiked sorbent media traps at appropriate nominal flow rates.



Control unit



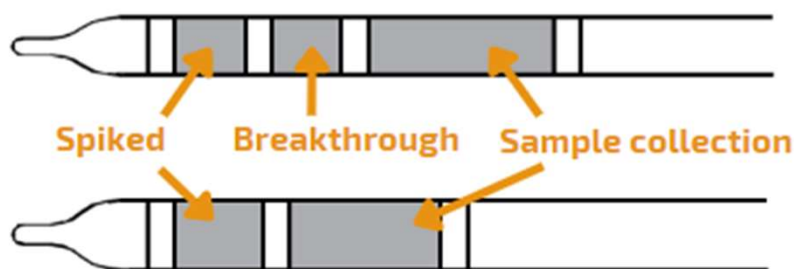
Display



Sampling unit



Sampling probe with Pitot tube and sampling tubes



Technical Characteristics:

Control unit

Size	400x800x1800mm
Screen	Large LCD touch screen 10"
Power supply	230 VAC, 50Hz / 110 VAC, 50/60 Hz

Sampling unit

Size	600x300x600mm
Power supply	Powered by the control unit