

Revolutionary mercury emissions monitoring kit



Determination of total vapor phase mercury emissions from combustion sources using carbon sorbent traps

The method uses sorbent traps to capture total mercury from stack gases. The [mercury measurement toolkit](#) is designed for efficient and cost-effective on-site determination of total and speciated mercury emissions in accordance with method 30B.

The US EPA's sampling method 30B is designed as a reference method for determination of mercury emission with stack gases.

This method is used in conjunction with the [Lumex RA915M](#) with Pyro attachment, more information in regards to the [Lumex RA915M can be found here...](#)



Advantages:

- Low detection limit.
- Easy to use, maintain and transport.

- No special requirements for site preparation.
- Versatility; analysis of stack gases, coal, ash, sludge and waste water.
- On site analysis and results.
- No cylinders with any compressed gases.
- User friendly software.
- Low operating and maintenance costs compared to currently used methods.

The Mercury monitoring kit offers the following analytical specifications:

- Wide dynamic measurement range 0.5 to 50,000 ng mercury absolute.
- Direct analysis according to ASTM method D6722-11
- Includes the quality assurance and quality control requirements built in method.
- Analysis time is 1-10 minutes per sample.
- Multipoint calibration complies with the EPA Performance based criteria method.

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