

US EPA Mercury Measurement Toolkit

Simple, alternative approach to measuring Hg

The US EPA Mercury Measurement Toolkit is a complete mobile laboratory meant to determine the mercury content in various types of coal-fired combustion sources, fly and bottom ash, gypsum, flue gas, and other effluents. It allows the user to conduct cost-effective, short- and long-term mercury measurements.

The toolkit consists of three components:

1. Sorbent Traps
2. Sorbent Trap Sampling System
3. Sorbent Trap Analysis System

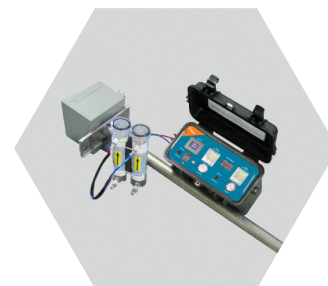
1. Sorbent Traps

- ▶ Simple solution for Hg emissions measurements
- ▶ Compliant with US EPA Reference Method 30B
- ▶ Compliant with US EPA Continuous Method PS-12B
- ▶ Also available for HCl, HBr, SO₃, As, Se, NH₃



2. Sorbent Trap Sampling System (OLM30B)

- ▶ Compliant with US EPA Method 30B
- ▶ Portable, compact, lightweight
- ▶ Simple to operate
- ▶ Designed to withstand harsh environments



3. Sorbent Trap Analysis System (M324)

- ▶ Quickly and easily analyze sorbent traps
- ▶ Compliant with US EPA Methods 30B and PS-12B
- ▶ For use in laboratory or as portable onsite instrument
- ▶ Can determine Hg concentrations in liquids & solids

