



# Speciation Sorbent Traps

## Simplifying Hg

If you need to know your proportion of oxidized to elemental Hg, then speciation traps are the solution. These five-section traps allow you to separate the Hg into the two species.

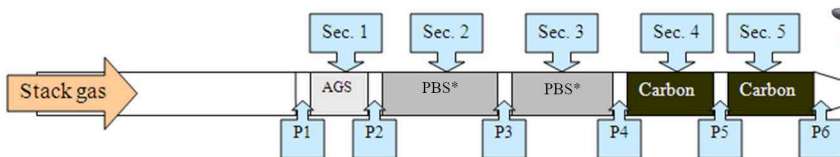
Currently, there is no method specific to Speciation Traps, but using a modified Method 30B provides an alternative. When followed, the results are reliable, accurate, and very informative. It's the best way to tell if your CEMMs are working properly and to evaluate control technologies. We will always consult you on how best to conduct your testing for the most optimal and accurate results.

### Features and Benefits

- ▶ Two types of sorbent allow you to capture oxidized and elemental Hg separately
- ▶ Made with thick glass for rugged field use
- ▶ Our Speciation Traps come standard for moisture resistance
- ▶ Data has shown a bias with acid gases and the capture of oxidized Hg, so our Speciation Traps have acid gas scrubbers built-in
- ▶ We can spike with elemental and oxidized Hg
- ▶ Used in wet and dry stacks as well as high particulate sources
- ▶ Extensively field tested
- ▶ Barcoded for better identification and quality control

Speciation Trap sections listed in the direction from stack gas entry:

1. Acid Gas Scrubber (AGS)
2. Oxidized Mercury Analytical Bed
3. Oxidized Mercury Breakthrough Bed
4. Elemental Mercury Analytical Bed
5. Elemental Mercury Breakthrough Bed
6. P1-P6 (plugs in order)



\* Proprietary Blend of Sorbent (PBS)

