

Ammonia Sorbent Traps

Simplifying NH_3

NH_3 sorbent traps provide a low-cost, quick, easy, and effective alternative to FTIR for measuring ammonia concentration

Applications

- ▶ Measuring ammonia slip through the SCR/SNCR
- ▶ Measuring ammonia between layers of the SCR to monitor catalyst layer performance
- ▶ Tying ammonia slip to catalyst health - particularly as it applies to mercury oxidation efficiency in the last layer of the SCR

Features and Benefits

- ▶ Ammonia sorbent traps are sampled using the same equipment as Method 30B Hg traps
- ▶ Option to perform analysis on-site using an ion chromatograph for immediate results or send to Ohio Lumex for lab analysis
- ▶ Use in conjunction with Hg speciation traps or 915J Real-Time Hg Monitor to quantify the relationship between NH_3 concentration and Hg oxidation
- ▶ High sensitivity produces accurate results even at low levels-MDL below 0.1 ppmv
- ▶ Use to check the performance of other analytical instrumentation and methods
- ▶ Precision verified by excellent paired agreement between sorbent traps
- ▶ Quickly spot-check ammonia slip at any time

