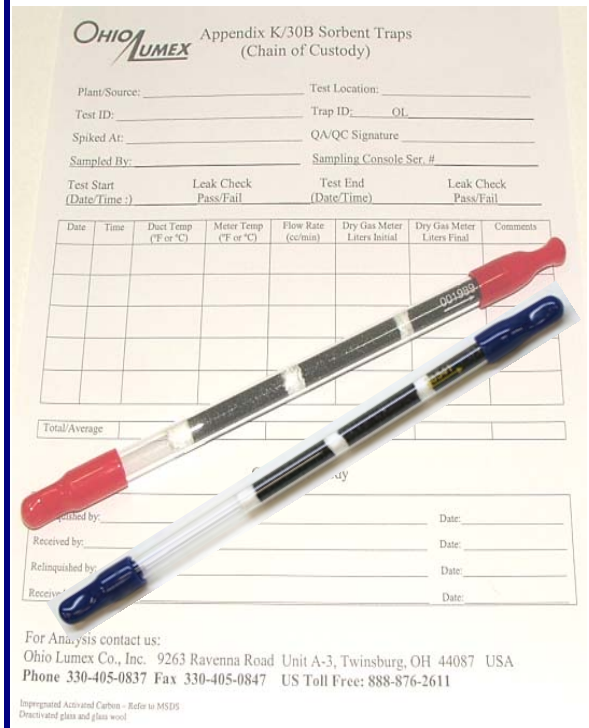
Appendix K Sorbent Traps for "Total" Mercury Testing



Our trap glass is Extra Thick for rigidity in the field. The OD is still 10mm.

Each trap is individually numbered with High Temperature resistant ink. The arrow shows the direction of the flow.

TECHNOLOGY

On March 15, 2005, EPA issued the Clean Air Mercury Rule (CAMR) to reduce and cap mercury emissions from coal-fired Power Plants.

The 40 CFR, part 75- Continuous Emissions Monitoring outlined as Appendix K entitled " Quality Assurance and Operating Procedures For Sorbent Trap Monitoring Systems" enable Power Plants to use a low cost alternative to CEMM's which have much higher capital cost, installation/certification and maintenance cost.

Use of Sorbent Traps with following Direct analysis by Thermal Method is allowed as a compliance reporting procedure by these regulations.

Mercury Emissions Testing Traps and portable Direct Sorbent Trap analyzer available from Ohio Lumex to satisfy strict QA/QC procedures outlined in the method.

TECHNICAL SPECIFICATIONS : SORBENT TRAPS

1. Spiked/Un-Spiked 3 sections Sorbent Traps available in all sizes-6 and 10 millimeters OD. Four Sections traps available for gas mercury speciation.
2. Iodinated, acid washed coconut shell charcoal. 150mg to 1g loading on small/large trap section.
3. Low mercury background levels-less then 1ng per section.
4. Easy to remove and easy to set for "leak check" cap plugs, color coded. (Blue caps for Spiked Traps)
5. Unique sample high temperature ID ink with chain of custody sheet in protective pack.
6. Size "Calibrated" extra thick glass for trap rigidity.
7. Customized Spiking level for third section. From 50ng to 200,000ng loading available.
8. 10% of every spiked traps batch analyzed and recorded for QA/QC purpose.
9. Rigorous QA/QC procedures at every manufacturing step.
10. Long term storage stability - one year. Up to two weeks sampling duration.
11. High capacity mercury loading tested-- up to 1,000,000ng per section.
12. Available immediately from stock with or without analysis.
13. Significant discounts on large quantity - contract based orders.
14. In house analysis with short turnaround time.

24 hours – 1 week turnaround testing Service is available. Please contact us at:

Ohio Lumex Company, 9263 Ravenna Rd, Unit A-3, Twinsburg, Ohio 44087
Tel. 1-888-876-2611, 330-405-0837, Fax. 330-405-0847, mail@ohiolumex.com