

METHOD 5i—DETERMINATION OF LOW LEVEL PARTICULATE MATTER EMISSIONS FROM STATIONARY SOURCES

- ✓ Complete set of base equipments & all accessories
- ✓ Modular design for easy setup on site
- ✓ Technical assistance
- ✓ Training on Methods
- ✓ Training on sampling & collection
- ✓ Lab analysis
- ✓ Quick turn-around Emissions reports
- ✓ Low cost & reliable

MAJOR APPLICATIONS

- ✓ Stack gas sampling
- ✓ EPA Emissions reporting
- ✓ Backup for CEMS
- ✓ Baseline studies
- ✓ Process improvements

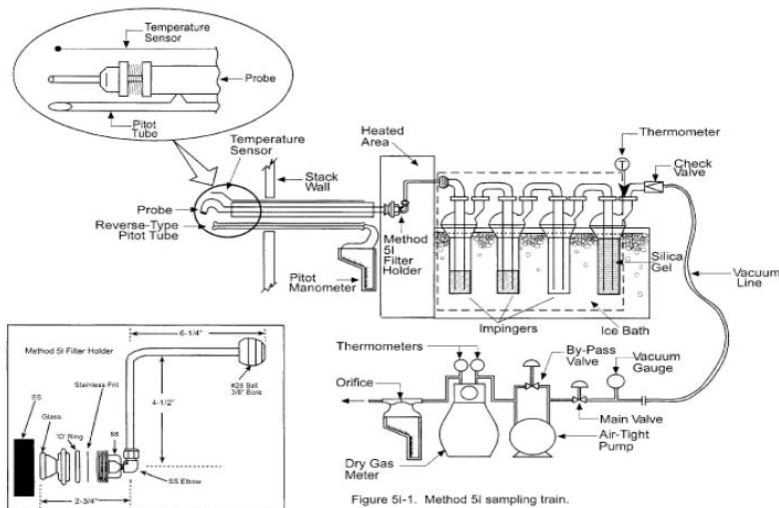


Figure 5i-1. Method 5i sampling train.

[Sampling Train]

The system setup and operation is essentially identical to Method 5. Particulate is withdrawn isokinetically from the source and collected on a 47 mm glass fiber filter maintained at a temperature of $120 \pm 14^\circ\text{C}$ ($248 \pm 25^\circ\text{F}$). The PM mass is determined by gravimetric analysis after the removal of uncombined water. Specific measures in this procedure designed to improve system performance at low particulate levels

Bill of Material for IILLCS-26 Method 5i Add-on Kit

Basic Kit

Low dust filter assembly

Filter, glass fiber, round, 47mm

[USEPA Method 5i Link](#)