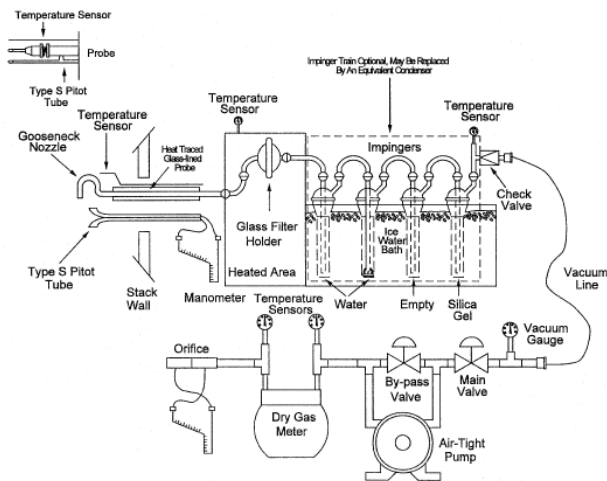


METHOD 5—DETERMINATION OF PARTICULATE MATTER EMISSIONS FROM STATIONARY SOURCES

- ✓ Complete set of base equipments and 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



[Particulate Sampling Train]

MAJOR APPLICATIONS

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

Particulate matter is withdrawn isokinetically from the source and collected on a glass fiber filter maintained at a temperature of 120 ± 14 °C (248 ± 25 °F) or such other temperature as specified by an applicable subpart of the standards or approved by the Administrator for a particular application. The PM mass, which includes any material that condenses at or above the filtration temperature, is determined gravimetrically after the removal of uncombined water.

Bill of Material for IILLCS-28 Method 5 Kit

Basic Kit	Probe Sheath, 6 ft	Impinger bottle and 500 ml glass bottle	
Critical orifice kit	100 ft Umbilical Cable Assy	Wash bottle, LDPE 250ml	Barometer
Double "L" Connector, Thermocouple Assy	Metering Console Assy	Cylinder, glass, graduated 100ml	Tweezer, SS
3 inch Glass Filter Holder Kit	220-240V Heater Box, Riser Assy	Filter, glass fiber, round, 82mm	Petri dish, glass 3"
Glass nozzles kit	Angle indicator	Probe brush head, PTFE	Manual, IL Series
Nozzle brush kit	TC simulator assembly, type K	Probe brush extension, 6'	
Impinger insert, Greenburg smith, kit	Ball joint clamp	Funnel, PE	
Impinger insert, plain, kit	Leak-free pump Assy	Impinger connector, glass	
Cyclone bypass, glass, with O-ring, kit	Probe heater, 6', 220V	Calibration of Critical Orifice	
Bull's eye level, kit	Umbilical Cable Adapter Assy	Calibration of Dry Gas Meter	
6 ft Glass Probe Liner (Type D) Kit	Impinger box assembly, large	Calibration of Temp. Sensor	
16 mm Nozzle Fittings Kit	Bottle, LDPE wide mouth 1L		

[USEPA Method 5 Link](#)