



WORLDWIDE LEADER OF SOURCE SAMPLING EQUIPMENT

## ▶ Method 17 Sampling System Isokinetic In-stack Particulate Emissions Sampler

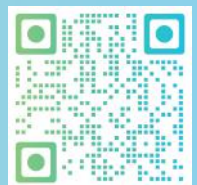


The Apex Instruments Method 17 Isokinetic Sampling System, featuring the XC-53 metering console, is ideal for collecting and determining in-stack particulate emissions from a wide variety of sources. Particulate emissions are commonly sampled from coal-fired power plants, cement kilns, asphalt plants, incinerators and industrial sources. Emissions data can be used for determining compliance with environmental regulations, acceptance tests for new control equipment, process optimization studies, plume dispersion modeling and providing data for health risk assessments.

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### Features

- The **system** allows the operator to monitor gas velocities, temperatures, pressures, sample flow rates, and volumes for maintaining isokinetic sampling conditions to obtain a representative sample.
- The **modular design** is easily adapted to test for a wide range of pollutants from stationary sources, such as particulate matter, including PM2.5 and PM10 fractions, sulfur oxides, metals, polychlorinated biphenyls (PCBs), dioxins/furans, polycyclic aromatic hydrocarbons (PAHs) and many more pollutants.
- The Apex Instruments sampling system is easily assembled and comprised of four sub-systems: the **heated probe assembly** with an **in-stack filter assembly** and **nozzle**, the **insulated impinger case** with **glass impingers**, and the **umbilical cable** and **sample line** that connect the impinger sample case and probe to the metering console.



## ▶ Method 17 Sampling System Packing List

### Isokinetic In-stack Particulate Emissions Sampler



SB-6 Impinger Case



Umbilicals



Umbilical Junction Box

Your Method 17 Sampling Solution



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FOR THE COMPLETE PACKING LIST**