

Sorbent Tubes Sampling System

Gaseous Fuels



The Gaseous Fuels Sorbent Tube Sampling System was specifically designed for natural gas, biogas and other gaseous fuels. It can be used with a variety of sorbent tubes/traps, including Siloxanes, Hg, HCl, HF, and NH₃. Simply insert two sorbent tubes/traps, record the barometric pressure and temperature, open the sample valve, set the flow rate, start the timer and wait for the desired sample time to be achieved.

System Includes

- ▶ Pressure gauge
- ▶ Individual valves for two sampling trains
- ▶ NIST traceable barometer and thermometer for sample volume correction
- ▶ Individual rotameters for each sample train
- ▶ Individual timers for each sample train
- ▶ Rotameter correction factor list for different CH₄ concentrations

Key Features

- ▶ Sample two sample trains simultaneously
- ▶ Inert wetted surfaces
- ▶ For use with Siloxanes, Hg, HCl, HF, NH₃ sorbent tubes
- ▶ Suitable for hazardous areas
- ▶ Suitable for the following Methods:
 - ▷ ASTM D8230
 - ▷ ASTM D5954
 - ▷ Modified EPA OTM-40

Applications

- ▶ Landfills
- ▶ Wastewater Treatment Plants
- ▶ Food Waste Digestors (co-digestion)
- ▶ Compliance with RNG Interconnection Tariffs
- ▶ Biogas Upgrading Process Control
- ▶ Dairy Farms
- ▶ Hog and Chicken Farms
- ▶ Others

Available Configurations

- ▶ Panel-Mounted (SS-GF-ST-100)
- ▶ Portable (SS-GF-ST-110)

System Rentals Also Available