

# XC-260

## Manual Source Sampling Console

The Apex **XC-260 Source Sampler** is a low-price, portable, field-proven meter console that is easy to use, and ideal for sampling mercury emissions based on CFR 40, Part 60, Method 30B.

The heart of the Apex Instruments manual system is the **XC-260 Source Sampler**, a precision meter console used for collecting Hg emissions. The average mercury concentration for the sampling period is determined by using the sample volumes measured by the dry gas meters and the results of the sorbent trap analysis.

Two flow rate configurations are offered; 0.2 to 2.4 liters per minute or 100-1000 cubic centimeters per minute.

### Features

- Dual Independent Flow Paths
- Dual Dry Gas Meters with Digital Displays
- Coarse and Fine Valves for Precise Flow and Vacuum Control
- Stainless Steel Valves and Fittings
- Stainless Steel 1/4" Quick Connects
- Digital Temperature Controller for Probe Heater
- Elapsed Digital Timers
- Dual Scale Vacuum Gauges
- Durable Polyethylene Case with Built-In Handles (size 10U)

**Sampler also Ideal for Method 18**



**Model XC-260**

Model	Description
XC-260	Source Sampler 0.2-2.4 lpm flow rate (120 VAC)
XC-260-V	Source Sampler 0.2-2.4 lpm flow rate (240 VAC)
XC-260-A	Source Sampler 100-1000 cc/min. flow rate (120 VAC)
XC-260-AV	Source Sampler 100-1000 cc/min. flow rate (240 VAC)
XC-260-C	Source Sampler 4.0 lpm. flow rate (120V)
XC-260-CV	Source Sampler 4.0 lpm. flow rate (240V)

### Specifications:

**Dry Gas Meters:** Model 25 Series, positive displacement diaphragm type, 0.7 liters per revolution, optical encoder sensor with quadrature pulse output, gas volume totalizer with an eight digit LCD display, 1 cc resolution (*standard*).

**Dual Diaphragm Sample Pumps (2):** 12 VDC motors, Max Vac. 20" Hg.

**Probe Temperature Control:** Compact, 1/32 DIN auto tuning indicating temperature controller with external 25 amp solid state relay. 115 VAC outlet 5-15R, Standard Type-K jack for input.

**Digital Temperature Display:** 3.5 Digit Display °F (-157°F to 1999°F), display and controller are resettable for °C upon request (°C is standard for export).

**Thermocouple Inputs:** Five external Type K inputs plus two Type-K Internal Gas Meter connections.

**Flowmeters:** Solid Machined Acrylic (0.2 - 2.4 lpm)  
*\*Optional 100-1000 ccm (XC-260A).*

**AC Power:** 120 V/60 Hz or Optional 220 V/50 Hz.

**Dimensions:** 23" x 21" x 12" (58 cm x 53 cm x 30.5 cm).

**Weight:** 39 lbs. (17.7 kg).