



WORLDWIDE LEADER OF SOURCE SAMPLING EQUIPMENT

▶ XC-260

MANUAL MERCURY SAMPLING CONSOLE

MANUAL SOURCE SAMPLER

The **XC-260 Manual Mercury Sampling Console** 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 mercury 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.



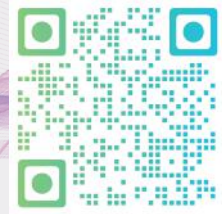
Model XC-260

Low-Cost, Easy-to-Transport, and Reliable. What could be better?

Features

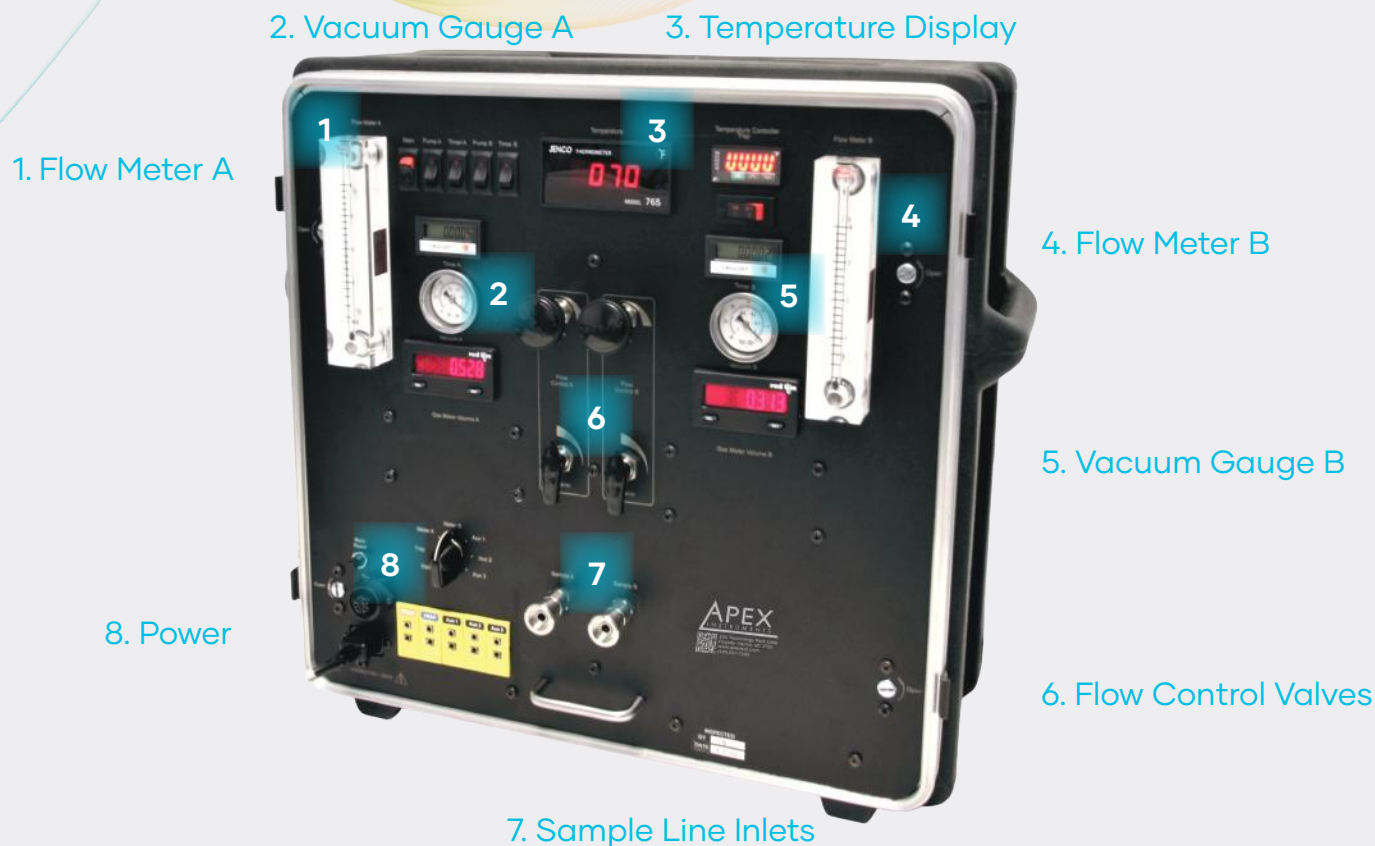
- Dual independent flow paths
- Dual dry gas meters with digital displays
- Coarse and fine valves for precise flow and vacuum control
- Stainless steel valves and fittings
- Stainless steel 1/4-inch quick connects
- Digital temperature controller for probe heater
- Elapsed digital timers
- Dual-scale vacuum gauge
- Rugged and lightweight roto-molded linear low-density polyethylene (LLDPE/LMDE) case with two molded-in ergonomic carrying handles (size 10U)
- Three flow rate configurations are offered; 100-1000 cubic centimeters per minute, 200-2400 cubic centimeters per minute, or 200-4000 cubic centimeters per minute
- All applicable components are rated 120 V at 60 Hz or 240 V at 50 Hz





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Specifications

Dry Gas Meters:

- Model SK25EX series
- Positive displacement diaphragm type
- 0.7 liters per revolution
- Optical encoder sensor
- Quadrature pulse output
- Gas volume totalizer with an eight-digit LCD display
- 1 cubic cm resolution (standard)

Dual-Diaphragm Sample Pumps: (2) 12 VDC motors, max vacuum 20 inHg

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, stainless steel float
- A: 0.1 – 1.0 LPM
- B: 0.2 – 2.4 LPM
- C: 0.2 – 4.0 LPM

AC Power: 120 V at 60 Hz or 240 V at 50 Hz optional

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

Weight: 39 lbs (17.7 kg)