

XC-170

Method 17 Digital Isokinetic Source Sampling Console

Reliable. Easy to Use. Affordable.

The new **XC-170 Digital Source Sampling Console** is the first Method 17 console being offered in our new *compact light weight design*. This console is manufactured in the United States and meets US EPA Method 17, CFR 40 part 60 standards.

The XC-170 combines the reliability of our manual consoles with the convenience of *digital components*.

The console uses an *internal diaphragm pump*, reducing the weight of the console and pump portion of the train to 37lbs.

The *new Digital Display* is backlit, sunlight readable and transfective. The unit contains two high resolution, digital low pressure sensors. The displays allows for easy zeroing, dampening adjustment, input power filtering, and measurement unit selection.

The XC-170 will assure you ease of use and accurate results, giving you extra confidence during your sampling test.



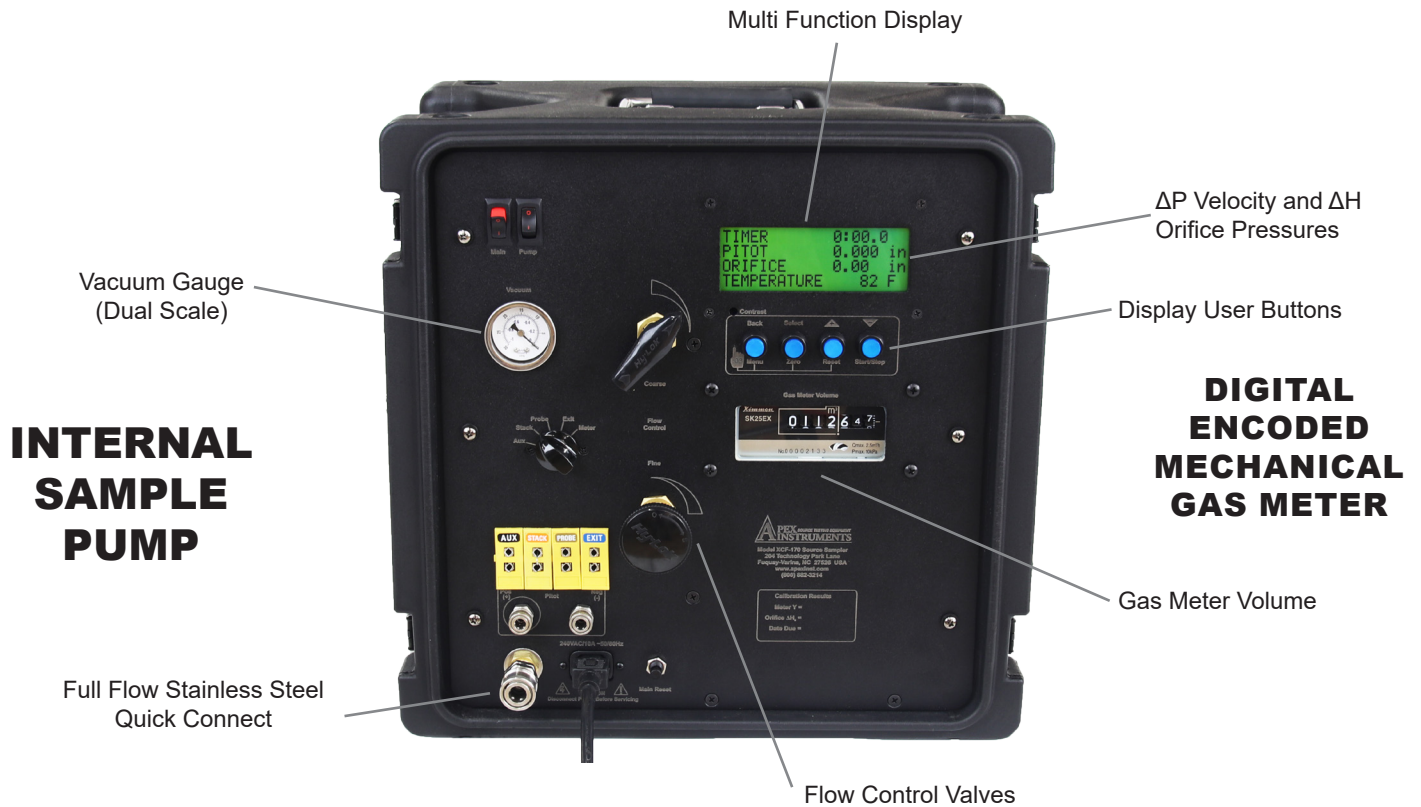
Model XC-170

COMING SOON!

Features and Benefits:

- Smaller and Lighter Console
- Rugged Durable Case
- No messy manometer fluid headaches
- Reliable, Accurate Results
- Precision Gas Meter with Mechanical Index
- Easily replaceable Dual Pressure Transducers
- Sunlight Readable Display
- Option to Select between Metric or Imperial
- Digital Display for TC Temperatures, ΔP , ΔH , and Gas Meter Volume
- Carrying Strap and 3 Handles on Case
- Internal Diaphragm Sampling Pump

**MULTIFUNCTIONAL SUNLIGHT
READABLE DISPLAY**



Specifications:

Display:

4x20 Character Back-lit Transflective Liquid Crystal Display with digital operation of timer, delta P, delta H and Temperature

Display Control:

Momentary push button switch control for display operation and setup.

Gas Meter:

Model SK25EX, with 100 CPR Quadrature Encoder, 0.7L/rev., 41 lpm max.

Flow Indicator:

Precision Machined Stainless Steel Orifice with Pressure Transducer, Range 0 - 5" H₂O (0 - 1245 Pa) resolution of 0.01" (1 Pa).

Temperature Measurement:

5 channel individually isolated Type-K thermocouple meter, °C/°F selectable, -200°C to 1372°C range. (-328°F to 2502°F).

Digital Pressure Transducers:

ΔP +/-5.0" (+/- 1245 Pa) Range Bi-Directional with 0.001" (1 Pa) Resolution
ΔH +/-5.0" (+/-1245 Pa) Range Bi-Directional with 0.01" (1 Pa) Resolution

Vacuum Gauge:

Dual Scale, 0 to 30" Hg and 0 to 100kPa.

Umbilical Connection:

Sample Inlet: 1/4" Stainless Steel Full Flow Quick-Connect (alternate sizes available).
Pitot Connections: 1/8" Stainless Steel Full Flow Quick-Connects
TC Connections: AUX, STACK, PROBE,EXIT

Power:

Pump Power Supply: 110V, 150W, 24V/6.3A, IEC C-14 Inlet.
Display Power Supply: 15W, 12VDC

Dimensions: H17" x W17" x D12" (57 cm x 33.5 cm x 61 cm).

Weight: 37 lbs (9.98kg)

For more information, contact us :

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