



Quality - Service - Reliability

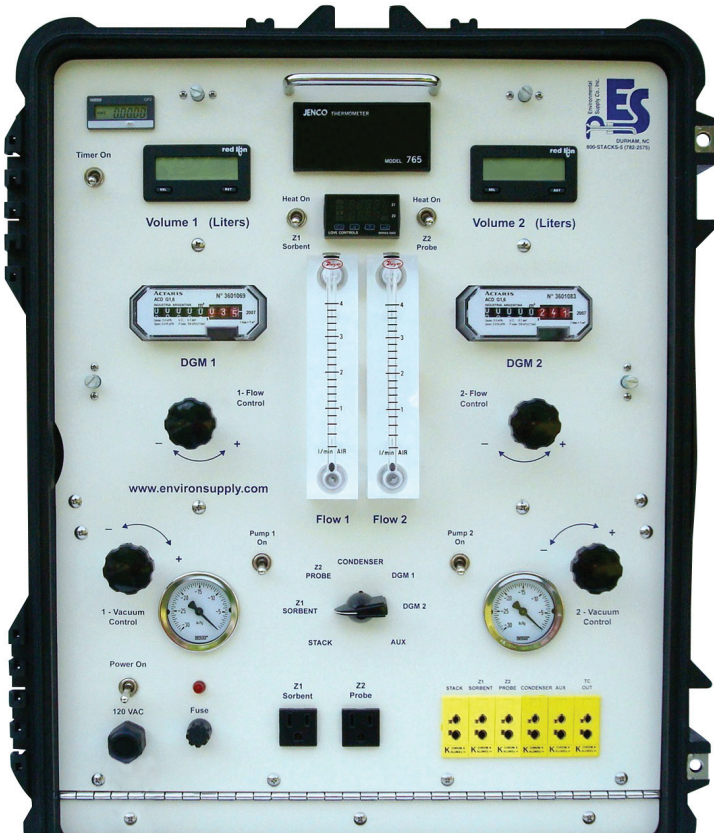
Environmental Supply Company



HG-220 Method 30B Mercury Emissions Sampler

The Ideal Choice for Short Term Dual Sorbent Trap Monitoring of Flue Gas Mercury

The Environmental Supply Company HG-220 Method 30B Manual Dual Mercury Sampler is designed for portability and ease of use to perform short term RATA sampling, CEM certification and diagnostic studies for mercury loss in air pollution control devices. This sampler is housed in a rugged, portable case that can withstand even the harshest testing environment, with a hinged front panel that allows easy access to internal components. The long life, dual head diaphragm pumps are plumbed in parallel for increased flow capacity, and there are integrated system safeguards for the protection of all internal components. The complete system includes dual channel heated probes in either stainless steel or Hastelloy with heated trap housings suitable for traps from any manufacturer, dual heated sample lines, dual condensing systems and connecting umbilical cables.



HG-220 Features & Specifications

- > Dual head diaphragm sample pumps with 12V long-life brushless DC motors, plumbed in parallel for increased flow capacity
- > Low flow digital dry gas meters with resettable volume display, 1 cc resolution
- > Stainless steel needle valves for flow and vacuum control
- > Solid acrylic flowmeters (0.2 – 4 lpm)
- > Rugged Pelican® weather-tight case with hinged access door for easy access to internal components
- > Digital elapsed timer
- > Convenient side mounted connections to prevent operator interference with the umbilical
- > Stainless steel 1/4" quick connect inlets and 1/4" union outlets
- > Acid scrubbers on both inlets to protect internal components
- > Entirely closed system carries the sample exhaust away from system
- > Digital temperature display with 7-channel switch
- > Dual zone temperature controller for precise sorbent and probe control

Other Component Features

- > Dual probes of Hastelloy or Stainless Steel with heated housings suitable for traps from any manufacturer
- > Dual zone probe heaters encased in aluminum heat sink for precise, stable and uniform sorbent and probe temperature control
- > Dual heated Teflon sample transfer lines
- > HG-C200 Sterling Condenser System or stainless steel impinger condensers
- > All probes, heated lines and condenser systems are compatible with our Automated HG-324K Appendix K Sampling Systems