

PUMP PAK

SERIES

SAMPLE PUMP



APPLICATIONS

- Stack Gases (CEM)
- Combustion Efficiency
- Turbine/Generator Feedback Control
- Process Chemical Gas Analysis
- Personnel Safety
- Fuel Cell Analysis
- Vehicle Emissions

FEATURES

- Externally Accessible 5 Micron Particulate Filter
- Two Independently Adjustable Sample Flows
- 100% Oil-Free Operation
- Built-in Fast Look Bypass for Quick Response Requirements



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PUMP PAK II

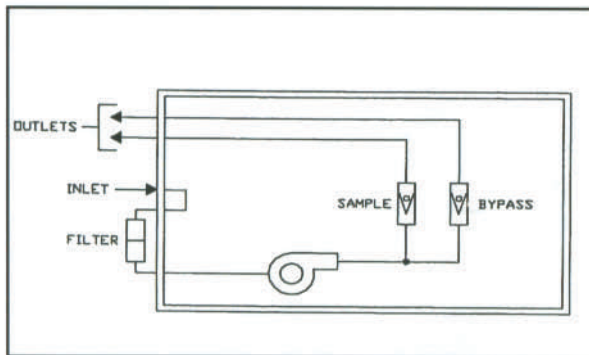
SAMPLE PUMP

DESCRIPTION

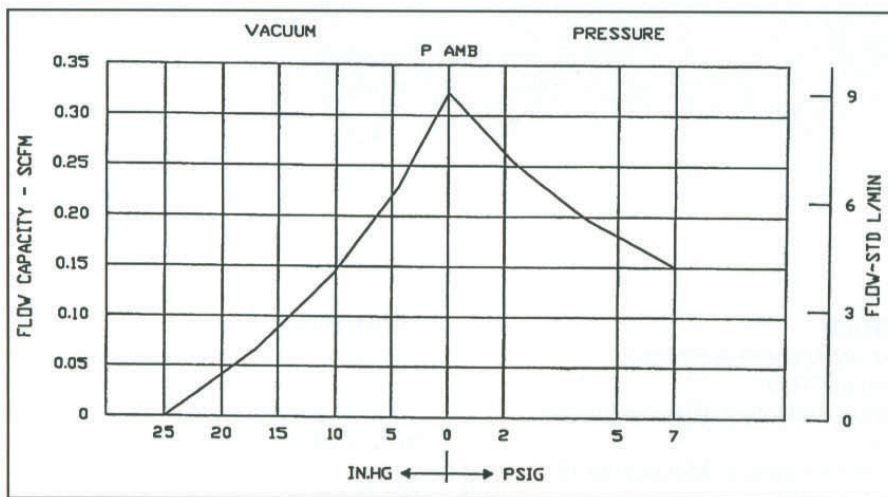
The CAI Pump Pak II was designed to provide analyzers without internal sample pumps with a means of delivering sample for analysis.

The Pump Pak II has two adjustable flow control rotometers that can be used to supply sample to two separate analyzers or, as an alternative, the bypass can be discharged to a safe vent and adjusted as necessary to provide a fast flowing bypass loop whenever response times need to be increased.

FLOW DIAGRAM



PERFORMANCE CHARACTERISTICS



SPECIFICATIONS

Materials in Contact With Sample: 316 SS, Teflon, Glass

Pump Head and Diaphragm: Polycarbonate and Viton

Maximum Distance (Through 1/4" Tube): 50 Feet
For Sample Flow of 4.5 LPM at 7 PSIG

Inlet Sample Condition: Non-condensing Gas
Sample with RH of 60% or Less

Sample Temperature: 0 to 50°C

Ambient Temperature: -5 to 45°C

Fittings: 1/4"

Current Draw at Maximum Load: 1.1 Amps

Power Requirements: 115/220 VAC; 50/60 Hz

Dimensions: 5 1/4" H x 19" W x 8" D

Weight: 14 lbs



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