

The Calibration Specialists

FLEXSTREAM TM GF GAS-FED PERMEATION MODULE

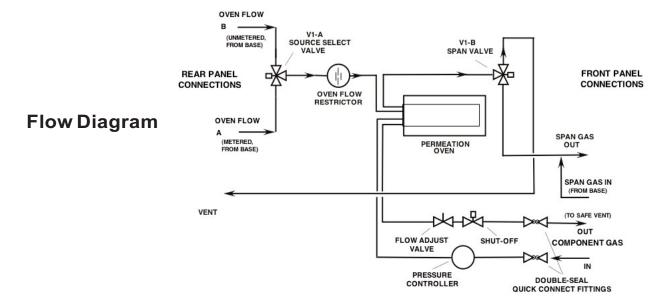
DESCRIPTION

The FlexStream™ GF is a permeation module for use with KINTEK gas-fed permeation tubes where the analyte must be refreshed frequently. The GF module extends the permeation method to compounds like argon, methane, ethylene, carbon monoxide, etc. that have vapor pressures too high to be used in a standard liquid filled permeation tube. As with other FlexStream™ system modules, the FlexStream™ GF is an independently controlled permeation module that works with, and is controlled by, the microprocessor in the FlexStream™ Base Module. The GF Module can also be used with conventional liquid filled tubes.



OPERATION

In operation the **FlexStream™ GF** is identical to the **FlexStream™ PM** except that, for gas-fed tubes, the analyte gas must be added by the user (usually from a cylinder of pure gas). Analyte gas is fed to the unit at about 75 psig through the front panel Component Gas In quick-connect fitting. The Component Gas Out is connected to a suitable safe vent. Adding analyte gas to the Series 57 Gas-Fed tube and creating trace concentration mixtures is controlled through the front panel touch screen in the **FlexStream™** base module. The **FlexStream™** micro-processor is used to set the oven temperature and controls dilution flow and analyte pressure in the tube to create specified mixtures.



Features

- Flow path suitable for reactive gases-mixture contacts only Teflon[®] and stainless (or glass if disposable tubes are used)
- · Accepts 1 gas-fed (57S or 57H) permeation tube.
- Alternately accepts up to 8 disposable tubes (max length 6")
- · Analyte contacts only stainless steel
- · High mass oven with electronic PID control
- Temperature Control range: 5°C above ambient from 30 to 150°C (heat only)
- Temperature Set-point Resolution: 0.01°C across the control range
- Power Requirements: Standard: 115VAC, 2A; Optional: 230VAC, 1A
- Dimensions: 7.5"width x 13.5"height x 20"depth; Weight approximately 25lbs

Represented by:	



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