

491Flex™ PM Permeation Module

Description

The **491Flex™ PM Module** is an independently controlled permeation tube oven designed to work in parallel with the **491Flex™** Base Module. The PM allows concurrent operation of an additional set of permeation tubes that may operate at a different temperature from tubes in the Base.

The PM is one of several Auxiliary Modules designed to work with the Base Module. Up to 5 additional modules can be used with a single Base Module to form a complete gas standards generating system.

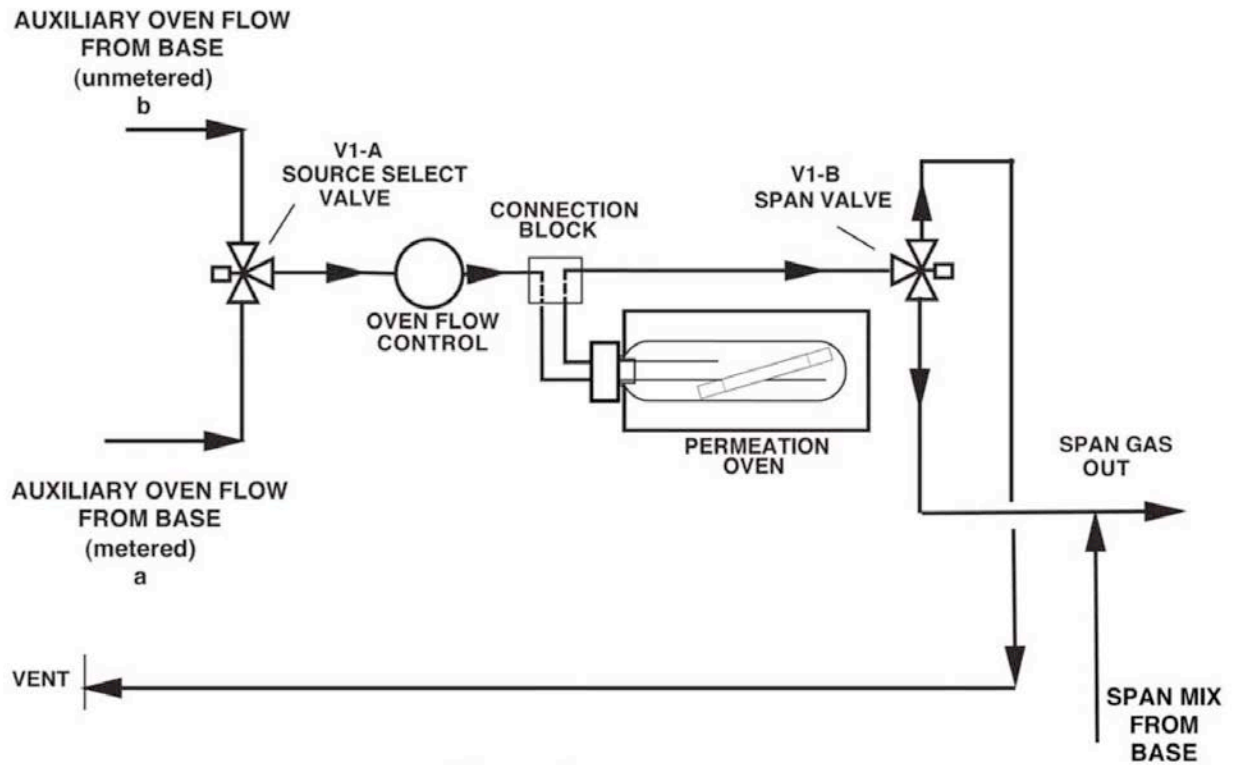


Operation

The **491Flex™ PM** has two operating states; **Standby** and **Span**. In the Standby state the permeation tubes are maintained at temperature equilibrium with the permeate flowing to **Vent**. In the **Span** state the permeate is mixed into the span gas flow the Base Module. Operation of the **PM** is controlled through the microprocessor subsystem in the Base Module. Gas to operate the **PM** is taken from the Base Module.

Features

- Flow path suitable for reactive gases-mixture contacts only glass, Teflon® and stainless steel
- Accepts up to 8 disposable tubes with maximum 6" length x 1/4" diameter
- High mass oven with electronic PID control
- Temperature Control Range: 5°C above ambient from 20 to 150°C (heat only)
- Temperature Setpoint Resolution: 0.01°C across control range
- Power Requirements: Standard: 115VAC, 2A; Optional: 230 VAC, 1A
- Dimensions: 7.5" Width x 13.5" Height x 20" Depth; Weight Approximately 25lbs



**Flow Diagram
FlexStream™ PM Module**

Represented by:



KIN-TEK 

The Calibration Specialists

1-800-326-3627
 Ph: (409) 938-3627
 Fax: (409) 938-3710
 www.kin-tek.com
 email: sales@kin-tek.com

Rev 491Flex PM.02122017
 Copyright© 2016 KIN-TEK Analytical, Inc.
 All rights reserved. Printed in USA