

OPERATION (CONT.)

In the Span Mode, the Zero Valve is open, sending the Main Dilution Flow through the Dilution Flow controller (F.C. 1). The Oven Flow flows through the Oven Flow controller (F.C. 1); over the permeation tube and is added back into the Main Dilution Flows by the Span Valve to form the span mixture.

In the Standby Mode, the Zero Valve is closed to conserve dilution gas, and the Oven Flow flows over the permeation tube and is sent to Vent by the Span Valve.

BENEFITS

- Economical – Replaces expensive, unreliable gas cylinder mixtures
- Safe – Limits possibility of exposure to hazardous materials
- Reliable – Continuous service – accuracy can be verified by user
- Automated – Can be operated by the analyzer or computerized process control system
- Traceable Accuracy – Permeation tube output measure by weight loss
- Rugged Construction – NEMA 4 housing withstands industrial environment

SPECIFICATION

Oven Capacity:	Up to 1/4" dia. X 6" long disposable permeation tubes, one LFH, one 57S or one 57H.
Temperature Control:	High mass oven, solid state, zero switching, on-off control. Set point values from 30°C to 150°C. (Value chosen to suit the application) Control sensitivity: $\pm 0.03^{\circ}\text{C}$
Flow Range:	0.5 to 5 liters per minute. (2 to 20 l/min optional)
Output Pressure:	0-40 psig
Typical Concentration Range:	1,000 ppm to ppb
Dimensions:	20" x 20" x 9 1/4"
Electrical Classification:	General purpose (Class I, Gr. D, Div. II option)
Weight:	Approximately 60 lbs.

Models Available in One, Two or Three Oven Configurations

Span Pac 61 I:	Single oven unit
Span Pac 261 I:	Two oven unit
Span Pac 361 I:	Three oven unit
Span Pac 71 I:	Single oven unit for 57 Series Permeation Tubes
Span Pac 61/ 71 I:	Two oven unit, one 61 oven and one 57 Series oven
Span Pac 271 I:	Two oven unit for 57 Series Permeation Tubes
Span Pac 261/ 71 I:	Two 61 ovens and one 57 Series oven

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