

Features and Specifications Sheet for FlexStream™ IM Module **(Interface Module)**

Principal of Operation

Introduces the span gas mixture from upstream modules to the analyzer or detection device by maintaining concentration levels despite flow or pressure variations.

Function

Provides fixed flow and fixed pressure output to interface with most analytical devices. The internal manifold maintains constant concentration of vapor mixtures by releasing excess gas to vent. Gas mixtures can be delivered under pressure or at atmospheric conditions.

Component Flow Path

Mixture contacts only Teflon® and stainless steel (other materials available; specified a time of purchase). Suitable for reactive component gases.

Input Pressure

Pressure based on input pressure regulator setting in upstream modules.

Output Pressure

Ambient to nominal 40 psig (276 kPa) maximum for span out mixture. Adjustment to <20 psig required when connected to a Humidified Gas Module to avoid overpressure of upstream module(s). Accuracy of gauge: +/- 1%.

Modes of Operation

Manually controlled by user, works with Span, Zero, Purge modes of attached modules.

Environmental Conditions

Operating (Ambient) Temperature: 5 °C to 40 °C. Storage Temperature: 0 to 50 °C.

Power Requirements

No power requirements, mechanical parts only.

Dimensions

7.5 inch (18.4 cm) Width x 13.5 inch (34.3 cm) Height x 20 inch (50.8 cm) Depth
All dimensions are approximate.

Weight

22 lb (10 kg) for Standalone module with portable carrying case. All weights are approximate.