

Humidification Module

The FlexStream Humidification Module adds variable levels of humidity to trace gas mixtures produced by



the FlexStream system.

Typically, the unit can be used to add adjustable humidity levels between 20% and 90% RH. The system uses Trace Source permeation tubes to create trace concentration gas mixtures by mixing the output from the permeation tube with a clean dilution gas. Humidity is added by splitting that dilution flow into two parts, with one part remaining dry and mixing with the permeate and the other being saturated with water. The two parts are mixed and the proportion of wet/dry gas determines the relative humidity. The internal computer sets both the dilution flow needed to achieve a specific concentration, and the proportion of wet gas needed to create the required humidity level.

KIN-TEK Laboratories, Inc.

<http://www.kin-tek.com> [1]

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Links:

[1] <http://www.kin-tek.com>