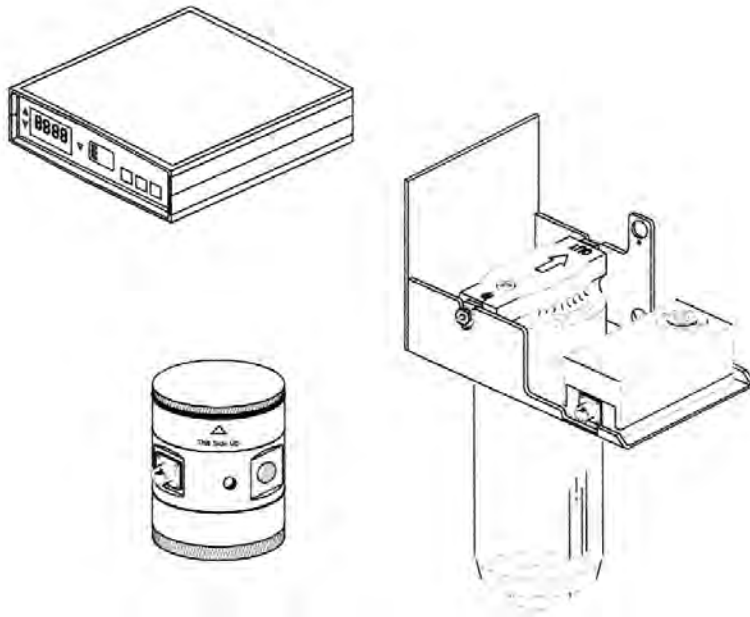


Dew Point/Carbon Monoxide



ELEMENTS

- NFPA 99 and MIL-HDBK-317D:41 complaint.
- Includes all components for monitoring medical air for dew point and carbon dioxide.

DESCRIPTION

The Dew Point and Carbon Monoxide Monitor is designed for the monitoring of dew point and carbon monoxide levels in medical air systems as specified in NFPA 99 1996.

The complete system is composed of a two stage chilled mirror type dew point sensor, chemical cell carbon monoxide sensor, saturator, bracketry, cabling and sensor, display and alarm controller.

The system maintains accuracies of ± 1 ppm CO and $\pm 0.2^\circ\text{C}$ dew point. CO measurement range is 0-100 ppm. Dew point Measurement range is -40°C (-40°F) to 25°C (77°F). Ambient conditions must not exceed 90% RH and/or 50°C (122°F).

CO sensor life is two years, with calibration required annually and recommended biannually. Dew point sensor life is indefinite, with no calibration required (an annual check of accuracy is recommended by NFPA).

Dew point sensor operates up to 1-50 psi inlet pressure. CO sensor is ambient pressure only. The point and carbon monoxide dew point sensor is provided with a 1/2" NPTF inlet and a purge control orifice outlet for connection to the CO sensor. The medical air purge rate is 0.2 to 0.5 lpm, and can be taken directly to the CO sensor inlet from the dew point. Sensor purge orifice outlet (tubing provided by others).

Component	Height	Width	Depth	Diameter	Wt.(lbs)	Catalog Part #
Complete Dew Point/CO System					8.4	#32-63-25-0002
Mainframe Only	2.75"	8.381"	9.38"		3.2	#32-63-25-0200
Two-Stage Dew Point Sensor	4.62"			3.001"	2.3	#32-63-25-0205
Carbon Monoxide Sensor Only	3.001"	2.51"	4.75"		.6	#32-63-25-0210
Saturator, Bracket and Plumbing Assembly	13"	4.6"	6.8"		2.3 (without water)	#32-63-25-0215