

DCM28

Dew Point and CO Monitor



FEATURES

- 2-line LCD Display
- Audible and vision alarm
- Dew point in °C or °F (selectable)
- Includes sample system for both sensors, all in one enclosure
- Easy installation
- Hinged door
- NFPA 99 compliant

BENEFITS

- COMPACT ECONOMIC INSTRUMENT WITH SENSORS REMOTELY SEPERATED FROM THE ELECTRONICS
- SENSORS WITH LONG OPERATING LIFE
- NO RANGE SWITCHING REQUIRED

The DCM28, a Dew Point and CO monitor

Measuring Dew Point and CO in Medical air applications and in compliant with NFPA99

A Dew Point and CO Analyzer

This medical gas analyzer was design for fast, accurate and economic measurement of CO and Dew Point in medical air applications. A simple menu-driven software and LED- display allows easy and fast start-up of the instrument.

The Model DCM 28 is a standalone unit, complete with a small sampling system with all the needed accessories.

Optional: A two channel CO unit with a second CO measuring cell is also available

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Technical Information

Measurement Ranges	0-50 ppm for CO -40°C to +60°C Dew Point
Response Time	90 % FSD at 25°C < 45 s for CO 66% change in <10s for dew point
Display	2-line LCD display
Calibration	Unit comes calibrated; calibrated replacement sensors are available or can be calibrated with a calibration gas for CO
Resolution	0.1 ppm for CO 0.1% for Dew Point
Size	3.875" x 2.75"
Load	typ. 1000 Ohm, max at 28Vdc -max 250 ohms at 10Vdc
Sample Pressure	0.1 – 1 bar for CO 0-200psi (dew point reading at pressure)
Supply Voltage	110 Vac 50/60Hz
Alarms	2 programmable alarm contacts, 1form B 3A at 250Vac This unit includes an alarm out via contact and an audio alarm (95 db). Relay Set points for Dew Point and CO.
Dimensions	11.810" L x 7.870" W (299.97mm x 199.90mm)
Signal Output	4-20mA/DC isolated for both CO and dew point
Operating Temperature	0°C to +50 °C
Sensor type	Electrochemical for CO Capacitive Sensor for Dew Point
Sample Flow Rate	1-3 scfh
Enclosure Rating	IP66, NEMA 1,2,4,4X,12,13

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Ordering Table (More configurations available upon request)

DCM28

Part Number	Ranges (user selectable)
DCM28	0-50ppm CO -40°C to +60°C Dew Point

DCM28 Sensors

Part Number	Ranges (user selectable)
CO-DCM28	Replacement sensor for CO
DP-DCM28	Replacement sensor for Dew Point

Dimensions:

