



Online Dew point Meter & Oxygen Meter PPM — Model – OMPM-DP

SPECIFICATIONS

Dew Point Meter

- **One Moisture Sensor- High capacitance Al₂O₃**
- **Ranges options available**
 - 1) -100oC / +20oC [0.01 to 23000 ppm (V)
 - -65oC / +20oC [5.5 to 23000 ppm (V)].
- **Resolution---0.1oC DP with converter reading in PPM (V)**
- **Accuracy----- +/-2 deg C Dew point**
- **Sensor Connections—Internal**
- **Calibration ---Manual cal – (At site by user)**
- **Power supply Options --● mains 110ac, 230V ac or maintenance-free rechargeable battery,**
- **Out-Puts options—4-20mA, RS485,**
- **Alarms---H, HH**

Additional features:

- Rota meter to measure flow with needle valve to control the flow. Continuous monitoring.
- Sensor with desiccant dryer assembly for fast response
No need to use purging gas to keep the sensor dry

O2 meter PPM

- **Measuring Ranges.**
 - 1) 0 to 199.9 ppm. (Resolution: 0. 1 ppm)
 - 2) 0 to 1999 PPM (Resolution: 1 PPM)
 - 3) 0 to 25 % for (Air cal.)
- **Measuring Principle.** : Electrochemical.
- **Operating Temp.** : 0 °C to 45 °C
- **Display.** : 3-½ digits L.C.D.
- **Response Time:** < 15 sec for 90 % reading (Low to High).
- **Accuracy** : ± / - 1% (Full Scale).
- **Inlet Outlet Fitting.** : ⅛ Compression
- **Power Supply** : 230 Volt AC.
- **Pressure** : at ambient
- **Output--** 4 to 20 mA. (Self powered maximum load 250Ω)

Additional features:

- Adjustable dual Alarms. (Potential free Relay Contact.)
- Estimated cell life 1 year if used for low oxygen continuously.
- Calibration check with room air **or** by calibration gas(Recommended for Better accuracy).
- Cell by-pass valve to isolate cell when not in use.

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- Rota meter to measure flow with needle valve to control the flow. Continuous monitoring.

APPLICATIONS

- ◆ Gas purity check
- ◆ Oxygen Plant
- ◆ Gas separation Plant
- ◆ Cylinder filling
- ◆ Inert Gas Purging

SPECIAL FEATURES.

- ◆ Fast response
- ◆ Rota meter to measure flow with needle valve to control the flow.
- ◆ Output-- 4 to 20 mA
- ◆ Alarm Relay contact
- ◆ Accurate, Disposable Micro Fuel Sensor.

Also available :-

- ◆ Direct reading Nitrogen Purity meter (W.R.T. Oxygen as impurity) for 90.0% to 100.0% Nitrogen Purity designed for Nitrogen plant online operation and control.
- ◆ PPM Oxygen Meter with Resolution 0.1ppm reading for U.H.P. Nitrogen.
- ◆ Dedicated economy models are available.
- ◆ **We can also design and develop dedicated analyser on OEM base**
- ◆ The interest of continued product development we reserve the right to change the specification without prior notice



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