

SPECIFICATIONS

Model	ΟΜΡC100Ρμ	
Type Of use	Online oxygen Purity meter	
Range:	0.1 to 99.9 %	
Resolution	.1%	
Operating Temp	10 °C to 45 °C	
Accuracy	+/-1% full scale	
Display	3 ½ -digit LED	
Sensor Type	Zirconia type (Imported)	
Sensor life	This is not a consumable sensor, so it does not have a shelf life or operating life. You can expect it to function optimally for 4 to 5 years.	
Power Source	110 to 230 Vac 50Hz, ± 10%	
Output: Output	4 to 20 mA. & Adjustable Alarm	
Cabinet	Table or panel mount• Dimension(240 x 134 x 200 mm Approx.	

Online OxygenPuirty Meter

Online Oxygen Purity Analyser are designed for accurate and reliable measurement of Oxygen purity in O2 plant. These are based on state of art Zirconia oxygen Sensors, and provide fast response. They require no periodic maintenance like replacing electrodes or electrolyte and can be calibrated using ambient air or standard calibration samples. A digital LED display provides direct percentage output readout. The power Source is a 230Volt ac. Model OMPC100Pµ online for continues Oxygen Monitoring with 4 to 20mA and alarm output are available to Monitor for general applications

Note:	SPECIAL FEATURES.	APPLICATIONS.
 Sensor and interface for correct barometric pressure compensation. Prolonged operation below 0.1% O2 can Damage the sensing element As the O2 sensor measures the partial pressure of oxygen (PPO2) within the measurement gas deviation in the BP from that present during calibration will cause readout errors proportional to the change, e.g. if the sensor reads 21% O2 at 1013.25mbar and the BP increases by 1%, the sensor readout will also increase by 1% to 21.21% O2. 	 Fast response Easy to read Display Output 4 to 20 mA Single Alarm Relay 	O2 Plants O2 Storage Facilities

ALSO AVAILABLE -:

- Direct reading Nitrogen Purity meter designed for Nitrogen plant online operation and control.
- Oxygen PPm 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
- In interest of continued product development, we reserve the right to change the specification without prior notice

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