



TARA OFOGH FANAVAR

OZONE ANALYZER

Model : O3A2301

Ozone analyzer (Model O3A2301) is an accurate and reliable device for measuring the ozone concentration based on photometry at the ultraviolet wavelength. Stable and repeatable measurement of ozone analyzer (Model O3A2301) make it ideal analyzer for critical low-level ozone measurement, safety issues and process monitoring.

Ozone analyzer (Model UV) is an easy-to-use analyzer capable of measuring ozone at PPM levels based on Beer-Lambert law and UV absorption. Design of the device using the materials compatible with ozone gas and ozone scrubber exhaust has ensured the safe use of this device.

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- Real time measurement
- Ability to display ozone in different units
- Ability to calculate the amount of ozone at g/L unit
- Pressure and Temperature compensated
- 5-inch color touch screen
- USB memory for data extraction
- Improved safety due to ozone exhaust destroyer
- Compact and lightweight
- Easy portability
- Simple operation



Technical Data

Dimension	30*22*10 cm ³
Weight	1.5kg
Operating Temperature	0-50 °C
Power Input	220V ac,50 Hz, 1phase
Measurement Principle	UV Absorption at 254 nm, single beam
UV Source	UV LED, 254 ±10 nm
O ₃ concentration Ranges	0-20 g/Nm ³ , selectable units
Accuracy	0.1 g/Nm ³ or 2% of measurement
Ozone Units	g/Nm ³ , %wt/wt and PPM
Pressure Units	torr, mbar, psi
Temperature Units	°C, °F, K
Response Time	4s
Measurement Frequency	0.5 Hz
Recommended gas flow rate	0-1 L/min
Maximum Inlet Pressure	2.5bar
Materials in contact with ozone	Quartz, PTFE, stainless steel
Gas ports	4x6mm PTFE
Data transfer interface	USB 2.0
Display	Touchable LCD, 5 inch