

**TECHNICAL SPECIFICATIONS: EXO – OXY – 700**

	Specifications	
Sr. No.	ITEM	ECO + BOI Generator
1.	Model No.	EXO – OXY – 700
2.	Treatment Methodology	Capture & Treat
3.	Technology	Electro Chemical Oxidation (ECO) + Bipolar Oxygen Ionization (BOI)
4.	Make	Chemtronics
5.	Made in	India
6.	Feed Gas	Dry high purity of 85 - 90% medical grade oxygen
7.	Oxidation Cell	Concentric Cylindrical
8.	Dielectric	Teflon coated precision ceramic
9.	Cell Cooling	Forced Air Cooled
10.	Electrode Cooling	Internal & external electrodes with integrated aluminum heat sink.
11.	Minimum Cell life	15,000 Hrs.
12.	Cell Cleaning frequency	Every - 8,000 Hrs.
13.	Oxidant Concentration	38,000 – 40,000 mg/m <sup>3</sup>
14.	Riders	10 MPCC - 20 MPCC
15.	Mounting/Installation	Ceiling Suspended/ Wall mount/ Floor Mounted / Skid Mounted
16.	LED Indicators	Standby + ECO ON
17.	Service Indicator	Non resettable hour meter
18.	Display meter	Current meter
19.	Operation Modulation	Digital programmable timer
20.	Enclosure MOC	Standard - MS Powder coated   Optional – SS - 304
21.	Enclosure Thickness	Minimum 1.2 mm
22.	Enclosure/ Surface Finish	Machine polish with Structure Powder coating
23.	Injection Connection	Anti-oxidant/ Poly – Propylene/ PTFE
24.	Protection	Input Surge & spike protection
25.	Onboard Protection	Overheat; Over Current; Over Voltage
26.	Interlock	Exhaust Fan Interlock with ECO + BOI Generator
27.	Safety	Under the guideline of OSHA, USEPA, NIOSH
28.	Line Voltage	220 V AC; Single phase ; 50 Hz
29.	Power Consumption	650 W
30.	Overall system Dimension	460(L) x 350(W) x 1300(H) mm
31.	Net Weight (kg)	55 Kg