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oxiti ozone generator

oxiti Ozone is an industrial oxygen concentrator with a built-in ozone concentrator.

oxiti ozone generator

oxiti ozone: ozone generator with oxygen sieves

- ✓ Ozone gas contact part is metal free
- ✓ ozone concentration easily adjusted with the volume control knob on the front panel
- ✓ Ozone generation method: Dielectric discharge method

combined o₃ and o₂ production

The Acniti Oxiti ozone generator is an air-cooled ozone generation unit that generates 5 gram ozone per hour. Oxygen as a raw material is required to produce a high-concentration ozone gas. The Oxiti ozone generator has a built-in oxygen concentrator and therefore guarantees an optimal ozone output. The combined oxygen and ozone generator is compact and can generate ozone immediately. The unit has a switch which can stop ozone production, so only 90% plus oxygen is produced. The ozone generator is build from the best materials such as glass titanium and fluoroplastics, thus the ozone gas doesn't come in contact with any metals, it's free from any metal ions.

usage and industries

The oxygen generator with incorporated ozone generator is excellent for research applications where ozone needs to be produced without any contamination. The oxiti ozone can also be used as an ozone supply source for incorporation into water treatment equipment. The principal feature of Oxiti ozone is it can generate high-concentration ozone at a low flow rate. Due to this feature, it is possible to combine it with micro and nanobubble devices and to enable efficient ozone water generation. Acniti can also supply nanobubble generators suitable for ozone gas, check our microStar ozone nanobubble generator or Turbiti ozone and Turbiti land-based nanobubble mixer.

high-quality materials

The Oxiti ozone generator has a quartz glass tube ozone cell which is sturdy, hard and compact, complemented with titanium wires to produce ozone. The quartz glass generator has a service life of 16,000 hours, compare that with a ceramic plate ozone generator which only lasts 3,000 to 5,000 hours. Apart from the glass titanium dielectric tube the tubing and fittings are made from fluoroplastics, the tubing is made from FEP (fluorinated ethylene propylene) and fittings from PTFE (Polytetrafluoroethylene).

industrial ozone and oxygen concentrator specs

8 lpm 100v

Description		Metric	Imperial
1	Model name	industrial ozone and oxygen concentrator 8 LPM 100V	industrial ozone and oxygen concentrator 8 LPM 100V
Ambient		Metric	Imperial
2	Ambient temperature minimum	10 °C	50 °F
3	Ambient temperature maximum	40 °C	104 °F
4	Relative humidity minimum	15 %	15 %
5	Relative humidity maximum	90 %	90 %
Gas		Metric	Imperial
6	Minimum flow / minute	2.0 Liter	0.5 Gallon
7	Maximum flow / minute	8.0 Liter	2.1 Gallon
8	Minimum flow / hour	120 Liter	32 Gallon
9	Maximum flow / hour	480 Liter	127 Gallon
10	Pressure	103 kPa	15 PSI
11	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
12	Gas remark	ambient air	ambient air
Electrical		Metric	Imperial
13	Unit phase Ø voltage	1 Ø 100 VAC 50/60 Hz	1 Ø 100 VAC 50/60 Hz
14	Unit power consumption	500 watts	500 watts
Connections		Metric	Imperial
15	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request

Dimensions & weight		Metric	Imperial
16	Dim. (w) x (d) x (h)	460 x 444 x 695 mm	18.1 x 17.5 x 27.4 inch
17	weight	33.5 Kg	73.9 lbs.
18	Shipping dim. (w)x(d)x(h)	62 x 54.5 x 760 cm	24 x 21 x 299 inch
19	Shipping weight	35 Kg	77 lbs.
Remarks			
20	Other remarks	✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft) ✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F) ✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty.	

industrial ozone with oxygen concentrator

specs 8 lpm 115v

	Description	Metric	Imperial
1	Model name	industrial ozone with oxygen concentrator 8 LPM 115V	industrial ozone with oxygen concentrator 8 LPM 115V

2	Model number	oxiti-08-O3-5G-115	oxiti-08-O3-5G-115
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	Ambient	Metric	Imperial
3	Ambient temperature minimum	10 °C	50 °F

4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	90 %	90 %
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	Electrical	Metric	Imperial
7	Unit phase Ø voltage	1 Ø 115 VAC 60 Hz	1 Ø 115 VAC 60 Hz

8	Unit power consumption	500 watts	500 watts
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	Connections	Metric	Imperial
9	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request

	Dimensions & weight	Metric	Imperial
10	Dim. (w) x (d) x (h)	460 x 444 x 695 mm	18.1 x 17.5 x 27.4 inch

11	weight	33.5 Kg	73.9 lbs.
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12	Shipping dim. (w)x(d)x(h)	62 x 54.5 x 760 cm	24 x 21 x 299 inch
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13	Shipping weight	35 Kg	77 lbs.
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Remarks	
14 Other remarks	✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft) ✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F) ✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty.

industrial ozone with oxygen concentrator

specs 8 lpm 200v

Description		Metric	Imperial
1	Model name	industrial ozone with oxygen concentrator 8 LPM 200V	industrial ozone with oxygen concentrator 8 LPM 200V
Ambient		Metric	Imperial
2	Ambient temperature minimum	10 °C	50 °F
3	Ambient temperature maximum	40 °C	104 °F
4	Relative humidity minimum	15 %	15 %
5	Relative humidity maximum	90 %	90 %
Electrical		Metric	Imperial
6	Unit phase Ø voltage	1 Ø 200 VAC 50/60 Hz	1 Ø 200 VAC 50/60 Hz
7	Unit power consumption	500 watts	500 watts
Connections		Metric	Imperial
8	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
9	Dim. (w) x (d) x (h)	460 x 444 x 695 mm	18.1 x 17.5 x 27.4 inch
10	weight	33.5 Kg	73.9 lbs.
11	Shipping dim. (w)x(d)x(h)	62 x 54.5 x 76 cm	24 x 21 x 30 inch
12	Shipping weight	0.5 Kg	1 lbs.

industrial ozone with oxygen concentrator

specs 8 lpm 230v

	Description	Metric	Imperial
1	Model name	Industrial ozone with oxygen concentrator 8 LPM 230V	Industrial ozone with oxygen concentrator 8 LPM 230V

2	Model number	oxiti-08-O3-5G-230	oxiti-08-O3-5G-230
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	Ambient	Metric	Imperial
3	Ambient temperature minimum	10 °C	50 °F

4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	90 %	90 %
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	Gas	Metric	Imperial
7	Minimum flow / minute	2.0 Liter	0.5 Gallon

8	Maximum flow / minute	8.0 Liter	2.1 Gallon
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9	Minimum flow / minute	2.0 Liter	0.5 Gallon
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10	Maximum flow / minute	8.0 Liter	2.1 Gallon
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11	Minimum flow / hour	120 Liter	32 Gallon
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12	Maximum flow / hour	480 Liter	127 Gallon
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13	Minimum flow / hour	120 Liter	32 Gallon
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14	Maximum flow / hour	480 Liter	127 Gallon
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	Electrical	Metric	Imperial
15	Unit phase Ø voltage	1 Ø 230 VAC 50/60 Hz	1 Ø 230 VAC 50/60 Hz

16	Unit power consumption	500 watts	500 watts
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17	Wetted parts	Quartz glass, PFA, PTFE	Quartz glass, PFA, PTFE
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Connections		Metric	Imperial
18	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
19	Dim. (w) x (d) x (h)	460 x 444 x 695 mm	18.1 x 17.5 x 27.4 inch
20	weight	33.5 Kg	73.9 lbs.
21	Shipping dim. (w)x(d)x(h)	62 x 54.5 x 76 cm	24 x 21 x 30 inch
22	Shipping weight	35 Kg	77 lbs.
Remarks			
23	Other remarks	✓ Aircooled	
		✓ Energy consumption 80 watt for ozone generator only	