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**acniti**

## **oziti ozone generators: corona discharge systems | acniti**

The Oziti ozone generator series delivers reliable output from 1 to 21 g/h using corona discharge technology. Air-cooled and built with a metal-free gas contact path, these generators produce high-purity ozone for water treatment, aquaculture, and laboratory applications. Available in multiple output ranges to match your process requirements.



# oxiti ozone generators: corona discharge systems | acniti

## industrial ozone generators - air-cooled, metal-free gas path

- ✓ Compact ozone generator which is complete with flow meter
- ✓ Industrial or Research air-cooled ozone generator
- ✓ Ozone generation rate is 1, 12 or 21g/h, air-cooled type, compact, and highly functional!
- ✓ Easy-to-use industrial ozone generator! Ozone generation quantity

The Acniti Ozone Generator delivers reliable ozone output of 1, 12, or 21 g/hour in a highly compact, air-cooled design ideal for demanding water treatment and laboratory use. Unlike many competitors, it features a metal-free gas contact path, ensuring exceptionally clean ozone without contaminating particles.

With stable performance even in elevated temperatures and an efficient discharge cooling system, it's trusted by research institutes and industry professionals alike. Installation and integration are straightforward—the device operates on oxygen or dried air, along with basic power, and offers options for external control and customizable flow meters, making it versatile for a wide range of applications. For those seeking durability, simplicity, and purity, this ozone generator stands out from traditional ozone generator models.

The ozone generators seamlessly integrate with Acniti's Oxiti series, featuring the Oxiti 01 for 1g/h, Oxiti 05 for 12g/h, and Oxiti 8 for 21g/h ozone output, enabling flexible combinations for small to large-scale operations. The compact air-cooled design and metal-free gas path ensure optimal performance and easy installation with Oxiti systems, whether used for research, water treatment, or industrial applications. Built-in compatibility and customizable flow meters allow rapid scaling to match application requirements, while maintaining high ozone purity and reliability.

# oziti 1g: benchtop ozone generator 1 g/h

## 100-240v | acniti

General		
1	Model name	Industrial Ozone Generators - Air-Cooled, Metal-Free Gas Path
2	Model number	oziti-1gh_100-240
Liquid	Metric	Imperial
3	Strainer availability and size	
Ambient	Metric	Imperial
4	Ambient temperature minimum	2 °C 36 °F
5	Ambient temperature maximum	40 °C 104 °F
6	Relative humidity maximum	92 %
Gas	Metric	Imperial
7	Minimum flow / minute	0.1 Liter 0.0 Gallon
8	Maximum flow / minute	1.0 Liter 0.3 Gallon
9	Minimum flow / hour	6.0 Liter 1.6 Gallon
10	Maximum flow / hour	60 Liter 16 Gallon
11	Pressure	0 kPa 0 PSI
12	Pressure	36 kPa 5 PSI
13	Gas quality	Dried Air or Oxygen must be free from dust and oil.
14	Gas remark	Oxygen from an oxygen concentrator Oxiti-01 or dry air.
Electrical	Metric	Imperial
15	Unit phase Ø voltage	100-240 Volt
16	Unit power consumption	26 Watts

Electrical	Metric	Imperial
17 Wetted parts	Kynar, Teflon, and Quartz materials.	
18 Pump model		
19 Pump phase Ø voltage		
20 Pump phase Ø voltage 60Hz		
21 Pump pressure setting		
22 Control		
Connections		
23 Water inlet		
24 Water outlet		
25 Gas inlet	barb fitting 6mm	
Dimensions & weight	Metric	Imperial
26 Dim. (w) x (d) x (h)	350 x 182 x 106 mm	13.8 x 7.2 x 4.2 inch
27 weight	2.6 Kg	5.7 lbs.
28 HS code	8543.70	
29 Shipping dim. (w)x(d)x(h)	56 x 37 x 22 cm	22 x 15 x 9 inch
30 Shipping weight	4 Kg	9 lbs.
Remarks		
31 Other remarks	<input checked="" type="checkbox"/> Ozone output is adjustable via a dial.	

# o<sub>3</sub> ozone generator 12 g/hr for water treatment | acniti

General		
1	Model name	Industrial Ozone Generators - Air-Cooled, Metal-Free Gas Path
2	Model number	O3_ozone_12gh
Liquid	Metric	Imperial
3	Strainer availability and size	
Ambient	Metric	Imperial
4	Ambient temperature minimum	2 °C 36 °F
5	Ambient temperature maximum	28 °C 82 °F
6	Relative humidity minimum	10 %
7	Relative humidity maximum	92 %
Gas	Metric	Imperial
8	Gas quality	
9	Gas remark	Oxygen, free of dust and oil.
Electrical	Metric	Imperial
10	Unit phase Ø voltage	100-240VAC
11	Unit power consumption	130 watts
12	Wetted parts	
13	Pump model	
14	Pump phase Ø voltage	
15	Pump phase Ø voltage 60Hz	

Electrical		Metric	Imperial
16	Pump pressure setting		
17	Control	Digital adjustable 0-100% in 10% increments	
Connections			
18	Water inlet		
19	Water outlet		
20	Gas inlet		
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	434 x 258 x 90 mm	17.1 x 10.2 x 3.5 inch
22	weight	2.8 Kg	6.2 lbs.
23	HS code	7616.9900	
24	Shipping dim. (w)x(d)x(h)	56 x 37 x 22 cm	22 x 15 x 9 inch
25	Shipping weight	5 Kg	11 lbs.
Remarks			
26	Other remarks	<ul style="list-style-type: none"> <li>✓ Double quartz corona cell for pure ozone — no metal contact</li> <li>✓ Wall-mountable, air-cooled design for compact installation</li> <li>✓ Up to 12 g/hr ozone production @ 6 L/min oxygen; highly efficient</li> <li>✓ Digitally adjustable output (0–100%) with clear status lighting for precise dosing</li> <li>✓ Built-in digital flow meter and flow switch for automated ON/OFF</li> <li>✓ Advanced circuit protection for safe, reliable use</li> </ul>	

# o<sub>3</sub> ozone generator 21 g/hr for water treatment | acniti

General		
1	Model name	Industrial Ozone Generators - Air-Cooled, Metal-Free Gas Path
2	Model number	O3_ozone_21gh
Liquid	Metric	Imperial
3	Strainer availability and size	
Ambient	Metric	Imperial
4	Ambient temperature minimum	5 °C 41 °F
5	Ambient temperature maximum	40 °C 104 °F
6	Relative humidity minimum	10 %
7	Relative humidity maximum	92 %
Gas	Metric	Imperial
8	Gas quality	Oxygen or dried air.
9	Gas remark	Oxygen, free of dust and oil.
Electrical	Metric	Imperial
10	Unit phase Ø voltage	100-240VAC
11	Unit power consumption	220 watts
12	Wetted parts	
13	Pump model	
14	Pump phase Ø voltage	
15	Pump phase Ø voltage	60Hz

Electrical	Metric	Imperial	
16	Pump pressure setting		
17	Control Digital adjustable 0-100% in 10% increments		
Connections			
18	Water inlet		
19	Water outlet		
20	Gas inlet		
Dimensions & weight	Metric	Imperial	
21	Dim. (w) x (d) x (h)	316 x 102 x 466 mm	12.4 x 4.0 x 18.3 inch
22	weight	7.9 Kg	17.4 lbs.
23	HS code	8543.70	
Remarks			
24	Other remarks	<ul style="list-style-type: none"> <li>✓ Double quartz corona cell for pure ozone — no metal contact</li> <li>✓ Wall-mountable, air-cooled design for compact installation</li> <li>✓ Up to 21 g/hr ozone production @ 6 L/min oxygen; highly efficient</li> <li>✓ Digitally adjustable output (0–100%) with clear status lighting for precise dosing</li> <li>✓ Built-in digital flow meter and flow switch for automated ON/OFF</li> <li>✓ Advanced circuit protection for safe, reliable use</li> </ul>	

# o3 ozone generator 50 g/hr for water treatment | acniti

General		
1	Model name	Industrial Ozone Generators - Air-Cooled, Metal-Free Gas Path
2	Model number	O3_ozone_50gh
Liquid	Metric	Imperial
3	Strainer availability and size	
Ambient	Metric	Imperial
4	Ambient temperature minimum	2 °C 36 °F
5	Ambient temperature maximum	32 °C 90 °F
6	Relative humidity minimum	10 %
7	Relative humidity maximum	92 %
Gas	Metric	Imperial
8	Flow / minute	16 Liter 4.2 Gallon
9	Flow / hour	960 Liter 254 Gallon
10	Pressure	36 kPa 5 PSI
11	Gas quality	Oxygen, Free of dust and oil.
12	Gas remark	
Electrical	Metric	Imperial
13	Unit phase Ø voltage	100-120 Volt
14	Unit power consumption	450 watts
15	Wetted parts	
16	Pump model	

Electrical	Metric	Imperial
17 Pump phase Ø voltage		
18 Pump phase Ø voltage 60Hz		
19 Pump pressure setting		
20 Control		
Connections		
21 Water inlet		
22 Water outlet		
23 Gas inlet		
Dimensions & weight	Metric	Imperial
24 Dim. (w) x (d) x (h)	484 x 370 x 177 mm	19.1 x 14.6 x 7.0 inch
25 weight	9.7 Kg	21.4 lbs.
26 HS code	7616.9900	

# oziti 5g: corona discharge ozone generator 5 g/h | acniti

General		
1	Model name	Industrial Ozone Generators - Air-Cooled, Metal-Free Gas Path
2	Model number	O3_generator_oziti_5g
Liquid	Metric	Imperial
3	Strainer availability and size	
Ambient	Metric	Imperial
4	Ambient temperature maximum	48 °C 118 °F
Gas	Metric	Imperial
5	Gas quality	
6	Gas remark	
Electrical	Metric	Imperial
7	Unit phase Ø voltage 100 ~ 240 Volt	
8	Unit power consumption 90 Watt	
9	Wetted parts	
10	Pump model	
11	Pump phase Ø voltage	
12	Pump phase Ø voltage 60Hz	
13	Pump pressure setting	
14	Control	
Connections		
15	Water inlet	
16	Water outlet	

Connections		
17	Gas inlet	6 mm
Dimensions & weight		
	Metric	Imperial
18	Dim. (w) x (d) x (h)	190 x 260 x 285 mm 7.5 x 10.2 x 11.2 inch
19	weight	5 Kg 11.0 lbs.
20	HS code	8421-3990