

acniti LLC 1-2-9 Nyoidani Minoh Osaka 562-0011 Japan



ozone generators

Discover a compact, air-cooled ozone generator offering stable 1, 12, or 21g/h output with a metal-free gas path for pure ozone, supporting water treatment and laboratory needs. Read on for detailed features, specifications, and ideal applications.







ozone generators

ozone generators

- 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.



o3 generator 12g/hr

	Description	Metric	Imperial
1	Model name	O3 generator 12g/hr	O3 generator 12g/hr
2	Model number	O3_ozone_12gh	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 %	10 %
7	Relative humidity maximum	92 %	92 %
	Gas	Metric	Imperial
8	Gas quality	Metric	Imperial
8		Oxygen, free of dust and oil.	Oxygen, free of dust and oil.
	Gas quality	Oxygen, free of dust	
	Gas quality Gas remark	Oxygen, free of dust and oil.	Oxygen, free of dust and oil.
9	Gas quality Gas remark Electrical	Oxygen, free of dust and oil. Metric	Oxygen, free of dust and oil.
9	Gas quality Gas remark Electrical Unit phase Ø voltage Unit power	Oxygen, free of dust and oil. Metric 100-240VAC	Oxygen, free of dust and oil. Imperial 100-240VAC
9 10 11	Gas quality Gas remark Electrical Unit phase Ø voltage Unit power consumption	Oxygen, free of dust and oil. Metric 100-240VAC	Oxygen, free of dust and oil. Imperial 100-240VAC
9 10 11 12	Gas quality Gas remark Electrical Unit phase Ø voltage Unit power consumption Wetted parts	Oxygen, free of dust and oil. Metric 100-240VAC	Oxygen, free of dust and oil. Imperial 100-240VAC
9 10 11 12 13	Gas quality Gas remark Electrical Unit phase Ø voltage Unit power consumption Wetted parts Pump model	Oxygen, free of dust and oil. Metric 100-240VAC	Oxygen, free of dust and oil. Imperial 100-240VAC



	Electrical	Metric	Imperial
17	Control	Digital adjustable 0-100% in 10% increments	Digital adjustable 0-100% in 10% increments
	Connections	Metric	Imperial
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.
		.	
	Remarks	J. Company	
	_	Double quartz coror metal contact	na cell for pure ozone — no
	_	 Double quartz coror metal contact Wall-mountable, air installation 	-cooled design for compact
23	_	 Double quartz coror metal contact Wall-mountable, air installation Up to 12 g/hr ozone oxygen; highly effice 	-cooled design for compact production @ 6 L/min ient
	Remarks	 Double quartz coror metal contact Wall-mountable, air installation Up to 12 g/hr ozone oxygen; highly effice 	-cooled design for compact production @ 6 L/min ient output (0–100%) with clear
	Remarks	 Double quartz coror metal contact Wall-mountable, air installation Up to 12 g/hr ozone oxygen; highly effice Digitally adjustable status lighting for present the present of the pr	-cooled design for compact production @ 6 L/min ient output (0–100%) with clear



o3 generator oziti 5g

	Description	Metric	Imperial
1	Model name	O3 generator oziti 5g	O3 generator oziti 5g
2	Model number	O3_generator_oziti_5g	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	100 ~ 240 Volt
8	Unit power consumption	90 Watt	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	Metric	Imperial
15	Water inlet		
16	Water outlet		
17	Gas inlet	6 mm	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.



o3 generator 1g

	Description	Metric	Imperial
1	Model name	O3 generator 1g	O3 generator 1g
2	Model number		
	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 %	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.	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	100-240 Volt
16	Unit power consumption	26 Watts	26 Watts



	Electrical	Metric	Imperial
17	Wetted parts	Kynar, Teflon, and Quartz materials.	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

Control		
Connections	Metric	Imperial
Water inlet		
Water outlet		
Gas inlet	barb fitting 6mm	barb fitting 6mm
Dimensions & weight	Metric	Imperial
Dim. (w) x (d) x (h)	350 x 182 x 106 mm	13.8 x 7.2 x 4.2 inch
weight	2.6 Kg	5.7 lbs.
Shipping dim. (w)x(d)x(h)	56 x 37 x 22 cm	22 x 15 x 9 inch
Shipping weight	4 Kg	9 lbs.
Remarks		
Other remarks	Ozone output is adju	stable via a dial.
	Water inlet Water outlet Gas inlet Dimensions & weight Dim. (w) x (d) x (h) weight Shipping dim. (w)x(d)x(h) Shipping weight Remarks	Water inlet Water outlet Gas inlet barb fitting 6mm Dimensions & weight Metric Dim. (w) x (d) x (h) 350 x 182 x 106 mm weight 2.6 Kg Shipping dim. (w)x(d)x(h) 56 x 37 x 22 cm Shipping weight 4 Kg Remarks