



**Ozone
Generator**



Ozone Generator Catalog

C2C Technology Singapore Pte Ltd

O3PRO-SERIES OZONE GENERATOR

New technology and ozone reactor, generating superhigh concentrated ozone up to 316 mg/l (22% wt). Meet the high standard of industrial water and waste water application.



FEATURES

Superhigh concentrated ozone

Self-contained refrigerated dryer

HMI display (PLC control)

Self-contained oxygen concentrator

Maintenance free

Mobile remote monitoring, Remote Access

APPLICATIONS

Industries require superhigh ozone concentration such as WWTP, STP, photovoltaic industry etc.,



SPECIFICATIONS

MODEL	MAX OZONE PRODUCTION		OZONE CONCENTRATION		MAX OXYGEN CONSUMPTION			MAX POWER	LENGTH x WIDTH x HEIGHT		WEIGHT		SYSTEM
	g/hour	lbs/day	mg/l	%	l/min	m3/h	SCFH		cm	inches	kg	lbs	
O3Pro-50G-P	50	2.6	136.5	10	7	0.4	15	1.5	50x40x115	19.7x15.8x45.3	70	154.3	Self-contained Oxygen Concentrator
	30	1.6	162.5	11	3	0.2	6						
	12	0.6	199.2	14	1	0.1	2						
O3Pro-100G-P	100	5.3	142	10	12	0.7	21	2.1	60x50x140	23.6x19.7x55.2	103	227.1	Self-contained Oxygen Concentrator
	90	4.8	213	15	7	0.4	15						
	40	2.1	230	16	3	0.2	6						
O3Pro-200G-P	200	10.6	138	10	30	1.8	63	2.0	70x60x140	27.6x23.6x55.2	100	220.5	Additional Oxygen Generator
	192	10.1	160	11	20	1.2	42						
	128	6.8	213	15	10	0.6	21						
O3Pro-300G-P	300	15.9	142	10	40	2.4	85	2.6	70x60x140	27.6x23.6x55.2	107	235.9	Additional Oxygen Generator
	240	12.7	200	14	20	1.2	43						
	140	7.4	232	16	10	0.6	21						
O3Pro-500G-P	500	26.4	142	10	60	3.6	128	3.85	80x70x170	31.5x27.6x67	120	264.6	Additional Oxygen Generator
	400	21.1	168	12	40	2.4	85						
	360	19	200	14	30	1.8	64						
O3Pro-1000G-P	1000	52.9	148	10	120	7.2	254	8.1	100x70x175	39.4x27.6x69	250	551	Additional Oxygen Generator
	920	48.6	171	12	90	5.4	191						
	710	37.5	198	14	60	3.6	127						

O3AOP-SERIES

OZONE GENERATOR

O3AOP Series has built-in oxygen concentrator and air compressor, generating concentrated ozone for industrial use.

FEATURES

Variable output control

Reflux prevention

Continuous operation

Easy installation and operation

Self-contained oxygen concentrator and compressor



► APPLICATIONS

Water and wastewater treatment, agricultural irrigation, aquaculture, swimming pool, olive oil etc.,



► SPECIFICATIONS

MODEL	MAX OZONE PRODUCTION		OZONE CONCENTRATION		OXYGEN CONSUMPTION			MAX POWER	COOLING	LENGTH x WIDTH x HEIGHT		WEIGHT	
	g/hour	lbs/day	mg/l	%	l/min	m3/h	SCFH	W		cm	inches	kg	lbs
O3AOP-10G	10	0.5	58	4.1	3	0.2	6	600	Air Cooled	50x40x73	19.5x15.6x28.5	33.2	73.2
	7	0.4	59	4.1	2	0.1	4						
	4	0.2	65	4.5	1	0.1	2						
O3AOP-15G	15	0.8	79	5.5	3	0.2	6	670	Air Cooled	50x40x73	19.5x15.6x28.5	38.0	83.8
	10	0.5	81	5.7	2	0.1	4						
	5	0.3	82	5.7	1	0.1	2						
O3AOP-20G	20	1.1	70	4.9	5	0.3	11	850	Air Cooled	50x40x91	19.5x15.6x35.5	40.0	88.2
	15	0.8	82	5.7	3	0.2	6						
	6	0.3	93	6.5	1	0.1	2						
O3AOP-30G	30	1.6	86	6.0	6	0.4	13	900	Water Cooled	50x40x91	19.5x15.6x35.5	49.0	108
	25	1.3	105	7.3	4	0.2	9						
	8	0.4	140	9.8	1	0.1	2						
O3AOP-50G	50	2.6	86	6.0	10	0.6	21	940	Water Cooled	50x40x115	19.5x15.6x44.9	59.6	131.4
	49	2.6	103	7.2	8	0.5	17						
	37	2	123	8.6	5	0.3	11						
O3AOP-100G	100	5.3	85	5.9	20	1.2	43	2750	Water Cooled	60x50x138	23.4x19.5x54.3	114.0	251.3
	90	4.8	100	7.0	15	0.9	32						
	58	3.1	122	8.5	8	0.5	17						

O3MASTER SERIES OZONE GENERATOR

High-performance industrial ozone generator, ranging from 200 grams to 1,000 grams of ozone per hour. Highly efficient for water treatment.

FEATURES

Concentrated ozone production

Stable operation

Low operation & maintenance cost

Ease of use

APPLICATIONS

Municipal water treatment, aquaculture, waste water, color and surfactants removal etc.,

SPECIFICATIONS

MODEL	MAX OZONE PRODUCTION		OZONE CONCENTRATION		OXYGEN CONSUMPTION			VOLTAGE	MAX POWER	COOLING	LENGTH x WIDTH x HEIGHT		WEIGHT	
	g/hour	lbs/day	mg/l	%	l/min	m3/h	SCFH				cm	inches	kg	lbs
O3M-200G	200	10.6	94	6.6	40	2.4	85	AC220V	2.5	Water Cooled	80x50x145	31.5x19.7x57.1	95	209
	190	10	106	7.4	30	1.8	64							
	145	7.7	121	8.5	20	1.2	43							
O3M-300G	300	15.9	95	6.6	60	3.6	128	AC220V	3.2	Water Cooled	80x50x152	31.5x19.7x59.8	115	253
	300	15.9	103	7.2	50	3	106							
	274	14.5	114	8.0	40	2.4	85							
O3M-500G	500	26.4	98	6.9	90	5.4	191	AC380V	6.0	Water Cooled	90x60x172	35.4x23.6x67.7	190	418
	500	26.4	107	7.5	80	4.8	170							
	420	22.2	117	8.2	60	3.6	128							
O3M-1000G	1000	52.9	113	7.9	160	9.6	340	AC380V	15.0	Water Cooled	160x80x176	63x31.5x69.3	350	771
	983	52	126	8.8	130	7.8	277							
	878	46.4	133	9.3	110	6.6	234							



O3Air-SERIES

OZONE GENERATOR

Air source ozone generators, provide an ozone output range of 5 to 20 grams, handle air disinfection and water treatment.



► DIGITAL PANEL OZONE GENERATOR

- Corona discharge technology
- Digital timer
- Air and water treatment
- Smaller footprint

MODEL	MAX OZONE PRODUCTION		OZONE CONCENTRATION		MAX POWER	COOLING	LENGTH x WIDTH x HEIGHT		WEIGHT	
	g/hour	lbs/day	mg/l	%	W		cm	inches	kg	lbs
O3A-5G-D	5	0.3	15-25	1.0-1.7	80	Air Cooled	23x18x46	9.1x7.1x18.1	4.2	9.3
O3A-7G-D	7	0.4	15-25	1.0-1.7	120	Air Cooled	32x25x52.5	12.6x9.8x20.7	7.8	17.2
O3A-10G-D	10	0.5	15-25	1.0-1.7	140	Air Cooled	32x25x52.5	12.6x9.8x20.7	8.4	18.5
O3A-15G-D	15	0.8	15-25	1.0-1.7	250	Air Cooled	32x25x52.5	12.6x9.8x20.7	13.2	29.1
O3A-20G-D	20	1.1	15-25	1.0-1.7	270	Air Cooled	32x25x52.5	12.6x9.8x20.7	14.6	32.2

O3AIR-SERIES

OZONE GENERATOR

New design with exquisite black appearance, Adjustable ozone output, digital timer. With handle and wheels for easy transportation.

FEATURES

Corona discharge technology

Variable output control

120 minutes timer

Smaller footprint

Air and water treatment



OxyPro-SERIES

OXYGEN GENERATOR

OxyPro oxygen generator is designed for 24/7 operation with continuous supply of oxygen at guaranteed purity.

FEATURES

Built-in air compressor

Purity up to 96%

24/7 operation

Plug and play installation

Pressure up to 30 psi*

APPLICATIONS

Paper and Pulp industries, Chemical industries, Water and Wastewater treatment, Metal gas welding and cutting, Fish farming etc.,



SPECIFICATIONS

MODEL	MAX OXYGEN OUTPUT			PURITY	MAX POWER	OUTLET PRESSURE			LENGTH x WIDTH x HEIGHT		WEIGHT	
	l/min	m ³ /h	SCFH			Mpa	bar	psi	cm	inches	kg	lbs
OxyPro-20L	20	1.2	43	93±3	1.4	0.1	1	15	60x50x125	23.6x19.7x49.2	54	119.1
OxyPro-40L	40	2.4	85	93±3	2.8	0.1	1	15	100x50x138	39.4x19.7x54.3	106	233.7
OxyPro-60L	60	3.6	127	93±3	4.2	0.1	1	15	80x70x138	31.5x27.6x54.3	150	330.7
OxyPro-80L	80	4.8	170	93±3	5.6	0.1	1	15	100x70x138	39.4x27.6x54.3	216	476.2
OxyPro-100L	100	6	212	93±3	7.0	0.1	1	15	120x80x138	47.2x31.5x54.3	270	595.2

*Please contact our sales representative for more information.

O2U-SERIES OXYGEN GENERATOR

Based on Pressure Swing Adsorption (PSA) technology, O2U on-site oxygen generators provide an uninterrupted supply of gas with a high purity output.

FEATURES

Purity up to 96%

Built-in air compressor

Plug and play installation

24/7 operation

Small footprint

APPLICATIONS

Fish farming, Glass industries,
Paper and Pulp industries,
Chemical industries etc.,



SPECIFICATIONS

MODEL	MAX OXYGEN OUTPUT			PURITY	MAX POWER	OUTLET PRESSURE			LENGTH x WIDTH x HEIGHT		WEIGHT	
	l/min	m ³ /h	SCFH	%	W	Mpa	bar	psi	cm	inches	kg	lbs
O2U-3L	3	0.2	6	93±3	450	0.08	0.8	12	43x32x56	16.9x12.6x22	27	59.5
O2U-5L	5	0.3	11	93±3	600	0.08	0.8	12	43x32x56	16.9x12.6x22	28	61.7
O2U-8L	8	0.5	17	93±3	620	0.08	0.8	12	43x32x56	16.9x12.6x22	29	63.9
O2U-10L	10	0.6	21	93±3	630	0.08	0.8	12	43x32x56	16.9x12.6x22	30	66.1

C2C-UV SERIES

WATER TREATMENT UV LIGHT

STERILIZER



ELECTRICAL

-  **Voltage**
110V or 220V 50/60Hz
-  **Alarm**
Audible and visual
-  **Indicator**
Lamp operation and failure
-  **Total running days**
Available upon request

FEATURES

EFFECTIVE

99.99% destruction of bacteria (e.g. Ecoli), viruses and protozoan cysts.

SAFE

No chemicals residues.

EASY

Simple installation. Audible and visual alarm indicator for lamp failure.

ECONOMICAL

Low maintenance cost and easy servicing.

CONDITIONS OF USE

- Maximum operating pressure: 8bar (116psi)
- Ambient water temperature: 2-40°C (36-104°F)
- Iron < 0.3ppm (0.3mg/L)
- Hardness < 7gpg (120mg/L)
- Turbidity < 1NTU
- UV transmittance > 75%

Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM							
C2C-UV-4W	0.07	0.3	195 × 50.8mm	1/4" female	47 × 39 × 58.5/15sets	UVT5-404	4w	QT5-185	EB-G6
C2C-UV-6W	0.1	0.5	255 × 50.8mm	1/4" female	47 × 39 × 58.5/15sets	UVT5-406	6w	QT5-245	EB-G6
C2C-UV-12W	0.2	1	310 × 50.8mm	1/4" female	52.5 × 39 × 58.5/15sets	UVT5-412	12w	QT5-300	EB-G16
C2C-UV-16W	0.4	2	370 × 63.5mm	1/2" male	57 × 40 × 58.5/15sets	UVT5-416	16w	QT5-360	EB-G16
C2C-UV-25W	1.4	6	590 × 63.5mm	1/2" male	79.5 × 28 × 47.5/8sets	UVT5-425	25w	QT5-580	EB-G28
C2C-UV-30W	1.8	8	910 × 63.5mm	3/4" male	119 × 28 × 47.5/8sets	UVT5-430	30w	QT5-900	EB-G35
C2C-UV-35W	2.0	9	950 × 63.5mm	3/4" male	119 × 28 × 47.5/8sets	UVT5-435	35w	QT5-940	EB-G35
C2C-UV-40W	2.3	10	885 × 63.5mm	3/4" male	112.5 × 28 × 47.5/8sets	UVT5-440	40w	QT5-875	EB-G55
C2C-UV-55W	2.7	12	950 × 63.5mm	3/4" male	119 × 28 × 47.5/8sets	UVT5-455	55w	QT5-940	EB-G55
C2C-UV-110W	5.4	24	950 × 108 mm	1" male	102.5 × 22.4 × 42cm/1set	UVT5-455	55w × 2	QT5-940	EB-G55
C2C-UV-165W	8.1	36	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UVT5-455	55w × 3	QT5-940	EB-G55
C2C-UV-220W	10.9	48	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UVT5-455	55w × 4	QT5-940	EB-G55

● Chamber material: 304 SS (316L SS available upon request)

● 4 pins or 2+2 pins optional Philips UV lamp

● Optional thread or flange

SDB SERIES

WATER TREATMENT UV LIGHT

STFR117FR



ELECTRICAL

- Voltage**
110V or 220V 50/60Hz
- Alarm**
Audible and visual
- Indicator**
Lamp operation and failure
- Time relay**
00:00
- Optional**
UV intensity monitor

FEATURES

- Male thread is standard, Flange is optional.

EFFECTIVE

99.99% destruction of bacteria (e.g. Ecoli), viruses and protozoan cysts.

SAFE

No chemicals residues.

EASY

Simple installation. Audible and visual alarm indicator for lamp failure.

ECONOMICAL

Low maintenance cost and easy servicing.

CONDITIONS OF USE

- Maximum operating pressure: 8bar (116psi)
- Ambient water temperature: 2-40 °C (36-104 °F)
- Iron < 0.3ppm (0.3mg/L)
- Hardness < 7gpg (120mg/L)
- Turbidity < 1NTU
- UV transmittance > 75%

Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM							
SDB-110	5.4	24	950 × 108 mm	1" male	102.5 × 22.4 × 42cm/1set	UVT5-455	55w × 2	QT5-940	EB-G4055
SDB-165	8.1	36	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UVT5-455	55w × 3	QT5-940	EB-G4055
SDB-220	10.9	48	950 × 133 mm	1.5" male	102.5 × 24.8 × 45cm/1set	UVT5-455	55w × 4	QT5-940	EB-G4055
SDB-330	16.3	72	950 × 168 mm	2" male	107.0 × 35.0 × 60cm/1set	UVT5-455	55w × 6	QT5-940	EB-G4055
SDB-440	21.8	96	950 × 219 mm	3" male	107.0 × 40.0 × 70cm/1set	UVT5-455	55w × 8	QT5-940	EB-G4055
SDB-550	27.2	120	950 × 275 mm	4" male	109.0 × 48.0 × 80cm/1set	UVT5-455	55w × 10	QT5-940	EB-G4055
SDB-660	32.7	144	950 × 275 mm	4" male	109.0 × 48.0 × 80cm/1set	UVT5-455	55w × 12	QT5-940	EB-G4055

● Chamber material: 304 SS (316L SS available upon request)

● 4 pins or 2+2 pins optional Philips UV lamp



PORTABLE PUMP SUCTION OZONE GAS DETECTOR

FEATURES

- ▶ Imported high precision electrochemical sensor.
- ▶ Chinese/English language.
- ▶ Built-in micro sampling pump.

Type of Gas	Ozone(O3)
Operating Principle	Electrochemical type
Sampling Method	Pump suction, air flow up to 1L/min, adjustable suction flow rate
Measuring Range	0-100ppm
Resolution	0.01ppm
Precision	2%FS
Signal Output	USB high speed data transmission, data downloadable(optional)
Response Time	≤10S
Repeatability	≤±1%
Zero shift	≤±1%(F.S/year)

Temperature	-40°C~70°C
Explosion-Proof Certification	Exib II CT4
Alarm mode	Sound, light, vibration
Dimensions	205*75*32mm
Recovery Time	≤10S
Linearity error	≤±1%
Display	backlit LCD display
Humidity	0-95%RH
IP Rating	IP66
Operating time	100Hours
Weight	300g



C2C-95H ONLINE OZONE GAS MONITOR WITH ALARM

FEATURES

- ▶ The adoption of world cutting-edge sensor and micro-control integration technology, rapid response, precise in measurement.
- ▶ Unique function of infrared remote control enables setting of parameters and maintenance of the device without opening the cap.

Target Gas	Ozone
Installation	Wall-mount
Measurement length	0-100ppm
Resolution	0.01ppm
Precision	3%FS
Signal output	4-20ma, 0-5v, R848S
Time of response	≤10S
Time of Recovery	≤10S
Repeatability	≤±1%
Linear Error	≤±1%
Display	High brightness digital tube display

Alarm	Sound and light
Connection Mode	G1/2, Relief-thread, Explosion-proof hose
Dimension of thread	M45*2mm
Working temperature	40-70°C
Working humidity	0-95%RH
Explosion-proof Grade	Ex d II CT6
Protection Grade	IP65
Power	12-36V DC
Time of operation	24Hr
Dimensions	180*150*90mm
Net Weight	≤1.6kg



DOZ-30 DISSOLVED OZONE METER

FEATURES

► Multiline LCD, energy storage backlit, easy to read values in the dark.

► Two triple A batteries, the service life of more than 500 hours.

The operating principle of the meter is three electrodes measurement, measuring the dissolved ozone concentration fast and reliable, as accurate as DPD method. No more material, low maintenance.

Measuring range	0-10.00 ppm
Resolution	0.01 ppm
Precision	±1% F.S.
Temperature	0.0-100.0°C/32-212°F
Correction Method	2 points (zero, any point)
Lock function	manual or automatic
Electrode System	CS6930 Non-membrane three-electrode
Screen	22*32 mm Multiline LCD screen

Battery	2*1.5V AAA7
Size/Weight	164*37*40mm/0.1kg
Power off timer	The meter turn off automatically after 6 minutes of no operation
IP Rating	IP67

Tip: To ensure the stability of data measurement, it is suggested to match the uniform circular groove sample to use.



ONLINE DISSOLVED OZONE MONITOR

FEATURES

► Ease of use, fast calibration.

► IP65 rated, dustproof and waterproof, all-weather precise.

► 4-20mA isolated current output, efficient variable speed.

► Dual password protection, prevent unauthorized changes.

Model		DOZ3000	DOZ6000
Dissolved Ozone	Measuring range	0.000-2.000mg/L or 0.00-20.00mg/L	
	Resolution	0.001mg/L or 0.01mg/L	
	Measuring Accuracy	1%±1 LSD	
Temperature	Measuring range	-10.0~110.0°C	
	Resolution	0.1°C	
	Measuring Accuracy	±0.3°C	
	Temperature input	22KΩ/PT1000	
	Temperature compensation	automatic	
Signal output	Output range	4~20mA (adjustable)	
	Current accuracy	1%F.S.	
	Output loading	<500Ω	

Data interface	RS485	RS485 Modbus protocol	
On off control	Control method	2 SPST relay	
Other parameters	Load capacity	2.5A 230VAC	
	Cleaning/alarm relay	optimal	
	Working power	85~260VAC or 12~36VDC	
	Working temperature	0~60°C	
	Working humidity	< 90%	
	Levels of protection	IP65	
	Method of installation	Panel mounting	Wall-mounting
	Outline dimension	108×108×156mm	158×188×108mm
	Hole diameter	94.5×94.5mm	/
	Weight	0.6kg	0.7kg

UVOZ 1200

OZONE CONCENTRATION MONITOR



Measuring range	0-300g / Nm3
Optional range	0-200g / Nm3, 0-100g / Nm3, 0-50g / Nm3, 0-1000ppm, 0-100ppm
Light source life	about 30000-50000 hours
Sampling method	positive pressure sampling, negative pressure sampling (optional)
Display interface	4.3-inch touch screen operation interface
Content interface	Ozone concentration, temperature and pressure
Auxiliary functions	temperature compensation, pressure compensation
Display units	g / Nm3, mg / NL, %WT, ppm, mg / Nm3 is optional
Display resolution	0.01 g/m3, 0.01ppm
Gas flow rate	0.5L±0.2L/min
Input pressure	<0.1Mpa
Concentration error	maximum of 0.3%FS
Linear error	maximum of 0.2%FS
Zero-point drift	< ± 0.3%.FS
Reaction time	0.03 seconds of signal, 0.3 seconds of display
Ambient temperature	-20~50°C
Pipeline interface mode	quick twist (stainless steel)
Series joint sample diameter	8 (8mm * 6mm) (optional)
Bypass sampling diameter	6 (6mm * 4mm)
Communication mode	RS-485
Output mode	4-20mA (active)
Secondary telecom signal	high alarm point relay telecom signal, low alarm point relay telecom signal
Power supply	AC 110-220V
Dimensions	160mm (height) 260mm (width) 300mm (depth)
Note	1 mg/L = 1 g/m3=467PPM
Free warranty	24 months (host)
Note	Standard configuration (built-in): flowmeter, ozone tail gas catalyst, intake filter

STATIC MIXER (SK MODEL, UPVC)

SPECIFICATIONS



Model	Size	Inlet diameter (outlet diameter)	Length(mm)	Water flow(LPM)
SK-68615	1/2 "	15mm(Ø20)	252	6.67-16.67
SK-68620	3/4 "	20mm(Ø25)	330	10-20
SK-68625	1 "	25mm(Ø32)	420	16.67-53.33
SK-68632	1.25 "	32mm(Ø40)	495	23.33-100
SK-68640	1.5 "	40mm(Ø50)	565	36.67-133.33
SK-68650	2 "	50mm(Ø63)	695	58.33-300
SK-68665	2.5 "	65mm(Ø75)	900	166.67-666.67
SK-68680	3 "	80mm(Ø90)	880	250-1000
SK-686100	4 "	100mm(Ø110)	990	500-1833.33

PVDF OZONE VENTURI INJECTOR



TECHNICAL DATA

Model	Flow rate	Fluid connection	Gas port connection	Length(mm)	Material	Max pressure	Max Temperature
A12057	0.83-3.33LPM	1/4"	1/8" Dia	57	PVDF	200 PSI (14.06 Bar)	200°F (93.33°C)
A25100	3.33-16.6LPM	1/2"	1/4" Dia	100			
A25152	16.6-50LPM	3/4"	1/4" Dia	152			
A32235	50-166LPM	1"	1/2" Dia	230			
A48275	166-416LPM	1.5"	1/2" Dia	275			
A58295	416-833LPM	2"	1/2.5" Dia	295			



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