

**AM OZONICS PRODUCT CATELOG**



**SPCIFICATION OF MODEL S1-300**

OZONE OUTPUT	5 to 25 GM/HR
OZONE CONCENTRATION	70GMS/M3
CABINET MOC	M S POWDER COATED.
CABINET SIZE	15" X 10" X 24"
ELECTRODE	SINGLE SS 316 OUTER ELECTRODE WITH WATER COOLING JACKET
DIELECTRIC	HIGH BARRIER QUARTZ-300mm
TRANSFORMER	FERRITE BASED AIR COOLED
INVERTER	IGBT BASED HIGH FREQUENCY RESONANT INVERTER
ELECTRICAL	230 V 50 Hz SINGLE PHASE
POWER	0.25Kw
FEED GAS	OXYGEN CONCENTRATOR
FEED GAS FLOW	5 lpm
FEED GAS PURITY	92%
POWER	420 W,230V SINGLE PHASE
OZONE MIXING	VENTURI 1" BSP



**SPCIFICATION OF MODEL S1-600**

OZONE OUTPUT	40 to 80 GM/HR
OZONE CONCENTRATION	100GM/M3
CABINET MOC	M S POWDER COATED.
CABINET SIZE	15" X 10" X 36"
ELECTRODE	SINGLE SS 316 OUTER ELECTRODE WITH WATER COOLING JACKET
DIELECTRIC	HIGH BARRIER QUARTZ-600mm
TRANSFORMER	FERRITE BASED AIR COOLED
INVERTER	IGBT BASED HIGH FREQUENCY RESONANT INVERTER
ELECTRICAL	230 V 50 Hz SINGLE PHASE
POWER	0.50Kw
FEED GAS	OXYGEN CONCENTRATOR
FEED GAS FLOW	5 lpm
FEED GAS PURITY	92%
POWER	420 W,230V SINGLE PHASE
OZONE MIXING	VENTURI 1" BSP



**SPCIFICATION OF MODEL S2-600**

OZONE OUTPUT	100 to 150GM/HR
OZONE CONCENTRATION	100GM/M3
CABINET MOC	M S POWDER COATED.
CABINET SIZE	15" X 30" X 50"
ELECTRODE	TWO SS 316 OUTER ELECTRODE WITH WATER COOLING JACKET
DIELECTRIC	HIGH BARRIER QUARTZ-600mm
TRANSFORMER	FERRITE BASED OIL COOLED
INVERTER	IGBT BASED HIGH FREQUENCY RESONANT INVERTER
ELECTRICAL	230 V 50 Hz SINGLE PHASE
POWER	0.75Kw
FEED GAS	OXYGEN CONCENTRATOR
FEED GAS FLOW	10 lpm
FEED GAS PURITY	92%
POWER	840 W,230V SINGLE PHASE
OZONE MIXING	VENTURI 1.5" BSP
LIQUID FLOW	10 M3/Hr
PRESSURE	1.5Kg/cm2



**SPCIFICATION OF MODEL S4-600**

OZONE OUTPUT	200 TO 300 GM/HR
OZONE CONCENTRATION	100GM/M3
CABINET MOC	M S POWDER COATED.
CABINET SIZE	15" X 30" X 50"
ELECTRODE	FOUR SS 316 OUTER ELECTRODE WITH WATER COOLING JACKET
DIELECTRIC	HIGH BARRIER QUARTZ-600mm
TRANSFORMER	FERRITE BASED OIL COOLED
INVERTER	IGBT BASED HIGH FREQUENCY RESONANT INVERTER
ELECTRICAL	230 V 50 Hz SINGLE PHASE
POWER	2Kw
FEED GAS	OXYGEN CONCENTRATOR
FEED GAS FLOW	20 lpm
FEED GAS PURITY	92%
POWER	1.3 KW,230V SINGLE PHASE
OZONE MIXING	VENTURI 1.5" BSP
PRESSURE	1.5Kg/cm2



**SPCIFICATION OF MODEL S8-600**

OZONE OUTPUT	500 GM/HR UPTO 1KG/HR
OZONE CONCENTRATION	100GM/M3
CABINET MOC	M S POWDER COATED.
CABINET SIZE	36"x 18" x 60" 1NOS
ELECTRODE	EIGHT SS 316 OUTER ELECTRODE WITH WATER COOLING JACKET
DIELECTRIC	HIGH BARRIER QUARTZ-600mm
TRANSFORMER	FERRITE BASED OIL COOLED
INVERTER	IGBT BASED HIGH FREQUENCY RESONANT INVERTER
ELECTRICAL	230 V 50 Hz SINGLE PHASE
POWER	4Kw
FEED GAS	OXYGEN CONCENTRATOR
FEED GAS FLOW	40 lpm
FEED GAS PURITY	92%
POWER	3.5KW,230V SINGLE PHASE
OZONE MIXING	VENTURI 1.5" BSP 2NOS
LIQUID FLOW	40 M3/Hr
PRESSURE	1.5Kg/cm2

**MEDICAL OZONE GENERATOR**



**(New Indroduction our ozonics medical generator)**

AM Ozonics Medical Ozone Generator is intended for oxygen based ozone-oxygen mixture production for treating inflammations, wounds, including recrogenic ones. The unit is designed for opeartion in hospitals, etc.

- Rota meter. 0 to 1 lpm
- Built in flow control valve
- Variable setting from 60 ug/ml
- Different tubes for Ozone and Oxygen
- Operating temperature within 15-40<sup>0</sup>C
- Relative humidity below 80% at 25<sup>0</sup>C
- Atmospheric pressure within 650 - 800 mmHg
- All machines are calibrated using UV absorption based
- Ozone Sensor (USA make)

**TECHNICAL SPECIFICATION**

Size - 12 <sup>1/2</sup> " x 9" x 5"

1) Input Supply 230v single phase 50 HZ  
Power 150 w

Input gas : Medical grade oxygen

2) Flow : 0 - 1 lpm  
Pressure : 1 kg cm<sup>2</sup> (max)

3) Output gas: Medical grade Ozone at preset concentration of 10 ug/ml to 60 ug/ml calibrated at 0.3-0.7 lpm gas flow rate.

4) Non-stop operation not less than 8 hrs. It is recommended that 15 minute pauses be made every 40 minutes (after every maximum ozonation period). Do not disconnect the AC cord in such pauses.

5) The unit is powered by AC mains 220+22v, 50 Hz

6) Power consumption below 50 V A

7) Unit weight 4 kg

8) Maximum in put pressure should not exceed 1kgf/cm<sup>2</sup>

## Ozonics Dissolved Ozone Monitor



### Monitor Features:

- **Flexible Range Capability:**

Standard Q45H monitors are programmable for display ranges of 0-2, 0-20 or 0-200 PPM with analog outputs scalable within the display range to any desired value. For low level applications, a display range of 0-200 PPB may also be selected.

- **Loop-powered, AC, or Battery Versions:**

For ozone measurement only, a loop-powered system is available. AC powered versions provide for PID, relay, and dual output functions. A unique battery operated unit with internal data logger is also available.

- **Large, Dual Line Display:**

Large, high-contrast display for easy viewing of ozone concentration. Second line scrollable through pH, temperature, and other information.

- **PID Control Output:**

Standard PID control function can be configured quickly and easily.

- **Dual Measurement Capability:**

On AC powered units, choose the optional pH sensor and get outputs for both ozone and pH.

- **Assignable Analog Outputs:**

Dual analog outputs can be configured to track ozone and temperature, ozone and ozone, or ozone and pH.

- **Two Alarm Relays:**

AC operated systems provide two relays that are configurable for either “control mode” or “alarm mode” of operation.

- **Universal Enclosure:**

NEMA 4X (IP-66) enclosure is suitable for panel, wall, or pipe/header mounting.

## Ozonics Ozone Process Monitor



### Features

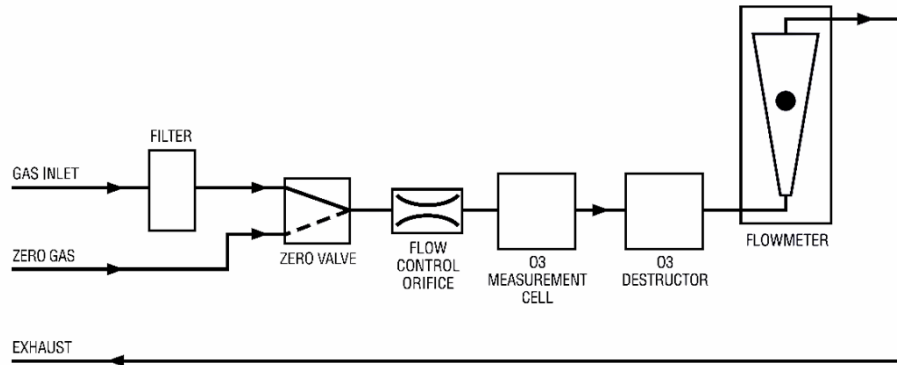
- Ranges from 0 - 5% to 0 - 20% w/w
- Available in standard DIN panel mount or NEMA 4X
- High visibility, 4-digit display
- Temperature and Pressure Compensation
- Units of weight% or grams/Normal m<sup>3</sup>
- Narrow Band detector eliminates need for UV filters
- Analog and RS232/485 outputs
- Status LEDs to monitor performance

### Specifications:

<b>Range:</b>	<b>0 - 5, 0 - 10, 0 - 15, 0 - 20% w/w; 0 - 100, 200, 300, 400 g/Nm<sup>3</sup></b>
<b>Pressure Comp.:</b>	<b>up to 3 Bar absolute (dependent upon range).</b>
<b>Proof pressure:</b>	<b>115 psia</b>
<b>Repeatability:</b>	<b>1% of Full Scale.</b>
<b>Response Time:</b>	<b>2 sec. to 95%</b>
<b>Zero Drift:</b>	<b>1% Full Scale/month (non-cumulative)</b>
<b>Temperature range:</b>	<b>5° to 45°C</b>
<b>Wetted Materials:</b>	<b>316 Stainless Steel, PTFE, Sapphire</b>
<b>Fittings:</b>	<b>1/4" stainless steel compression (std)</b>
<b>Flow:</b>	<b>0.5 to 5 LPM</b>
<b>Power:</b>	<b>90-265VAC, 50/60Hz</b>
<b>Display:</b>	<b>4 digit LED readout</b>
<b>Analog Output:</b>	<b>0 - 5V Full Scale; 4-20mA or 0-20mA isolated outputs optional</b>
<b>Zero Cal:</b>	<b>Front Panel Keypad or Contact Closure Input</b>
<b>Digital Outputs:</b>	<b>Sensor OK, Lamp Low, Cett Dirty, Invalid Reading, (Opto-isolated)</b>
<b>Serial data Interface:</b>	<b>RS485 or RS232</b>
<b>Dimensions (HxWxD):</b>	<b>1/2 DIN Panel Mount - 3.83" (97 mm) x 7.61" (193 mm) x 7.63" (194 mm)</b>
<b>Weight:</b>	<b>4.0 lbs. (1.8 kg)</b>



**Schematic Diagram**



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**Ozone Test Kits And Sensors**

VENTURI 1"	
MOC	SS316
END CONNECTION	1" BSP MALE THREADS
FLOW	1.5 M <sup>3</sup> /HR
PREASSURE	1.5 KG CM <sup>2</sup>
PREASSURE DROP	0.5 KG Cm <sup>2</sup>

VENTURI 1.5"	
MOC	SS 316
END CONNECTION THREADS	1.5" BSP MALE
FLOW	8 M <sup>3</sup> /HR
PREASSURE	1.5 KG CM <sup>2</sup>
PREASSURE DROP	0.5 KG Cm <sup>2</sup>

**AM OZONICS PVT.LTD.**

**PUMPS**

CHL 2 -20  
CHL 2 – 30  
CHL 4 – 40

SS PUMPS FOR WATER APPLICATION

KDS 225  
KDS 335

CI PUMPS FOR WATER AND WASTE WATER  
APPLICATIONS

STATIC MIXERS  
MIXING TANKS

DESIGNED AS PER APPLICATION

OZONE DISTRUCTOR

THERMAL BASED (MOC SS316)

COOLING SYSTEMS FOR  
OZONE SYSTEM

MINI COOLING TOWER  
WATER CHILLERS

