

AIR DIFFUSERS

Fine bubble diffusers produce a plethora of very small air bubbles which rise slowly from the floor of a wastewater treatment plant or sewage treatment plant aeration tank and provide substantial and efficient mass transfer of oxygen to the water. The oxygen, combined with the food source, sewage, allows the bacteria to produce enzymes which help break down the waste so that it can settle in the secondary clarifiers or be filtered by membranes. The most common types of Air Diffusers are **Tube Type Fine Bubble Diffusers**, **Coarse Bubble Diffuser**, **Fine bubble Disc Diffuser**.



Features

- High grade EPDM/SILICON membrane
- Clamps with stainless steels.
- Supporting frame with PVC/PP nipples.
- Six way Air inlet
- Supporting frame with PVC/PP nipples
- Air inlet with molded injection ABS adapter

Products

Tube Type Fine Bubble Diffusers

MEMBRANE OD	LENGTH	AIR FLOW RATE	END CONNECTIONS
63 mm	650 mm	2.0 – 5.0. m ³ /hr	3/4" BSP
63 mm	1050 mm	2.0 - 10.0 m ³ /hr	3/4 " BSP

Fine bubble Disc Diffuser.

MEMBRANE OD	AIR FLOW RATE	END CONNECTIONS
9"	.0 – 5.0. m ³ /hr	1" BSP
12"	5.0 - 7.0 m ³ /hr	1" BSP

Coarse Bubble Diffuser

MODEL	80 mm	150mm
SHAPE	DISC	DISC
SIZE	80 mm	150 mm
BUBBLE SIZE	4 mm TO 5 mm	4 mm TO 5 mm
MEMBRANE	EPDM/SILICON	EPDM/SILICON
NO. OF AIR DISCHARGE PORT	10	8
SAIR FLOW RANGE PER DIFFUSER	3 - 4 m ³ /hr	5 - 8 m ³ /hr
END CONNECTION	½" & ¾" BSP	1" BSP



CONDUCTIVITY Meter

Technical Specification

MODEL : TDS/CUND 101/102/103/104

MANUFACTURER : Aditya Envirotech

ENCLOSURE : MS I.P 54 or 65

MOUNTING : Field/Panel Mount



Field Mount

Features

- Available in Panel and Field mounting.
- Selectable Unit μS or PPM
- 0 to 600 PPM or 0 to 1000 μS \pm 2% (0.0)
- 0 to 100 PPM or 0 to 200 μS \pm 2% (0.00)
- 0 to 10 PPM or 0 to 20 μS \pm 2% (0.000)
- IP.65. (Field Instrument).
- Two relay output.
- 4-20ma output. (SE-CON-104)
- Rs485 Communication. (SE-CON-103)
- Onsite calibration
- 24Bit High resolution ADC
- 16x2 ultra bright LCD
- Also available in LED Display



Panel Mount

Products

MODEL101 Indicator.

MODEL102 Indicator + 2 Relay output.

MODEL103 Indicator + 2 Relay output + 4-20mA output.

MODEL104 Indicator + 2 Relay output + Rs485 Modbus output.



Flow Totalizer

Technical Specification

MODEL : FLOW 101/102/103/104

MANUFACTURER : Aditya Envirotech

ENCLOSURE : MS I.P 54 or 65

MOUNTING : Field/Panel Mount



Field Mount

Features

- Panel and Field mounting.
- Selectable unit LPS/LPM/M3H/GPUK/GPUS
- Auto selectable flow decimal
- Selectable totalizer decimal
- Auto / Manual sensor calibration
- Batching Mode(Optional).
- 24Bit High resolution ADC
- Onsite calibration
- 16x2 ultra bright LCD
- 24V and 240V Models.
- Two relay output.
- 4-20ma output. (SE-FL-104)
- Rs485 Communication. (SE-FL-103)



Panel Mount

Products

MODEL101 Indicator.

MODEL102 Indicator + 2 Relay output.

MODEL103 Indicator + 2 Relay output + 4-20mA output.

MODEL104 Indicator + 2 Relay output + Rs485 Modbus output.



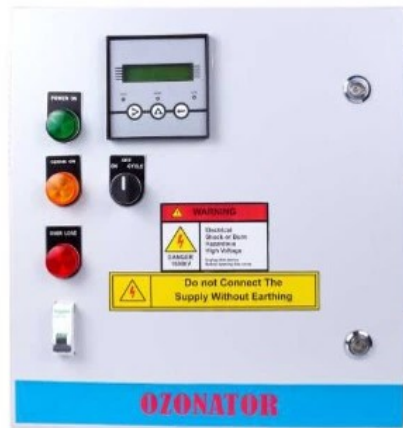
OZONE GENERATOR

We are a manufacture of all type of ozone generator and oxygen Concentrator for various industrial and water treatment solution Included wastewater treatment / Air Purification / Water Purification Chemical treatment ranging from 5 to 300g/H.

We are also manufacture oxygen concentrator to ozone generator ranging from 2LPM to 50LPM from 40% to 89% O₂ concentration

Features

- High ozone concentration
- Low noise level
- PLC controlled .
- Adjustable ozone output
- Lamp indication.
- Wall / Stand mounting
- 1 Year part replacement warranty
- Over / Under voltage / Over load protection
- Available in Inbuilt Oxygen Concentrator
- Product range available from 5g/H to 300g/H
- SS/MS Enclosure available as per customer requirement
- Inbuilt Timer to control ozone dosing



Application Areas

- Indor air quality
- Room Sterilization
- Sliming pool Sanitization
- ETP/STP Plant
- Vegetables and food safety
- Hospital sanitization
- Drinking water plant
- wastewater treatment

Products

- 5 Gram/H To 300 Gram/H



PH / ORP Meter

Technical Specification

MODEL : PH/ORP 101/102/103/104

MANUFACTURER : Aditya Envirotech

ENCLOSURE : MS I.P 54 or 65

MOUNTING : Field/Panel Mount



Field Mount

Features

- Available in Panel and Field mounting.
- PH 0-14 PH range +/- 0.1 %
- ORP -1999 to +1999 mV range +/- 0.1%
- 4-20ma output. (SE-PH/ORP-104)
- Rs485 output. (SE-PH/ORP-103)
- 24V and 240V Models.
- Two relay output.
- Onsite calibration
- Also available in LED Display
- 24Bit High resolution ADC
- 16x2 ultra bright LCD



Panel Mount

Products

MODEL101 Indicator.

MODEL102 Indicator + 2 Relay output.

MODEL103 Indicator + 2 Relay output + 4-20mA output.

MODEL104 Indicator + 2 Relay output + Rs485 Modbus output.

