

OZONE WATER SYSTEM

PAP mobil



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APPLICATIONS

- BOTTLING SYSTEMS
- OZONE RINSING SYSTEMS
- STERILIZATION OF WATER
- STERILIZATION IN FOOD PRODUCTION
- ASEPTIC PACKING AND BOTTLING
- GERM NUMBER REDUCTION
- BIO SLIME CONTROL
- REMOVAL OF MICROBIZIDE FILMS

SPECIALY IN PHARMACEUTICAL, SEMICONDUCTOR AND FOOD INDUSTRY

FEATURES

- NO FORMATION OF HALOGENATED ORGANIC CARBONS
- NO INCREASE OF COD (CHEMICAL OXIDATION DEMAND) IN WATER
- NO CONTAMINATED DISCHARGE WATER
- NO CHEMICALS NEEDED

SPECIFICATION

- READY FOR OPERATION
- CONTROLLED OZONE GENERATOR
- CONTROLLED BY PLC
- NO TOXIC OFF-GAS BY USING CATALYST
- MEASURING SIGNALS READY FOR DATA RECORDER

OPTIONS

- ANALYZER TO MEASURE OZONE CONCENTRATION IN WATER
- OXYGENE GENERATOR USING AMBIENT AIR
- ANALYZER TO MEASURE OZONE CONCENTRATION IN GAS
- DATA RECORDER

PRINCIPLE OF OPERATION

- OZONE GENERATOR PRODUCES OZONE OUT OF OXYGENE
- HIGH PRESSURE WATER PUMP
- OZONE WILL BE DISSOLVED BY ADVANCED ANSEROS OZONE PIPE REACTOR (AOPR) IN THE WATER (PATENDED)
- GAS BUBBLES WILL BE REMOVED BY DEGASING VALVE
- REST OF OZONE IN GAS BUBBLES WILL BE CONVERTED TO OXYGENE BY THERMAL OZONE DESTROYER

TECHNICAL DATA

WATER FLOW	500-3000 L/h
OZONE CAPACITY	40g O3/h
DIMENSION	W x D x H 1200 x 800 x 1600 mm
WEIGHT	260 kg
POWER SUPPLY	230V, 3PH, 16A
POWER CONSUMPTION	Max. 3 kW
WATER OUTLET	32 mm / 1 ¼"
INPUT PRESSURE	3-10 BAR
OUTPUT PRESSURE	7-10 BAR

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