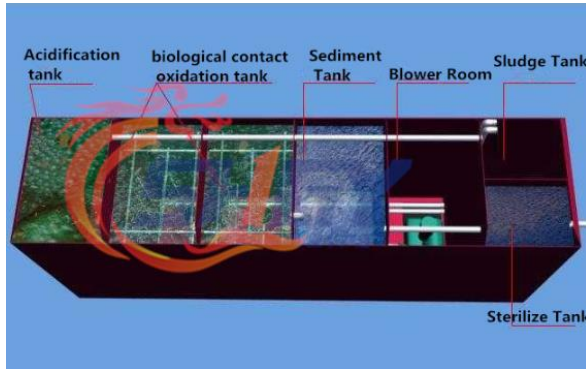




Medical Wastewater Treatment Plant Portable



Integrated wastewater treatment equipment adopt international advanced biological treatment processes, set to remove BOD₅, COD, NH₃-N in one, with the advantage of Technical performance stable and reliable, good treatment effect, save investment, small occupy area, and easy maintenance.

Main Features:

1. It can be set on the ground or underground, if underground, above the surface can be used as green or other land, no housing and heating, insulation.
2. Two biological contact oxidation process are the use of plug-flow bio-contact oxidation, this treatment is better than completely mixed or two series completely mixed biological contact oxidation pool. And small size than the activated sludge tank, the water quality of adaptability, resistance to shock loading performance, effluent quality and stability, does not produce sludge bulking. Pool using the new flexible three-dimensional packing, large surface area, microbial and easy to hang film, stripping, in the same organic load conditions, high removal rate of organic matter, oxygen in the air can increase the solubility in water.
3. Biochemical use of biological contact oxidation pool, its relatively low volume loading of filler, microbial oxidation stage in their broken, less sludge production, only three months (90 days) above a row of mud (using suction truck or dehydration cake transport out).
4. The integration of deodorizing sewage treatment facilities in addition to the conventional way of high-altitude exhaust, coming with a soil deodorization measures.
5. The entire processing system is equipped with fully automatic equipment control systems and electrical equipment failure alarm system, safe and reliable operation, usually does not require expert management generally, only timely maintenance and repair of equipment.

Application Range:

1. Hotels, restaurants, nursing homes, hospitals.
2. Residential areas, village, town.
3. Stations, airports, port terminals and ship.
4. Factories, mines, military, tourist, scenic etc



Technical Parameter:

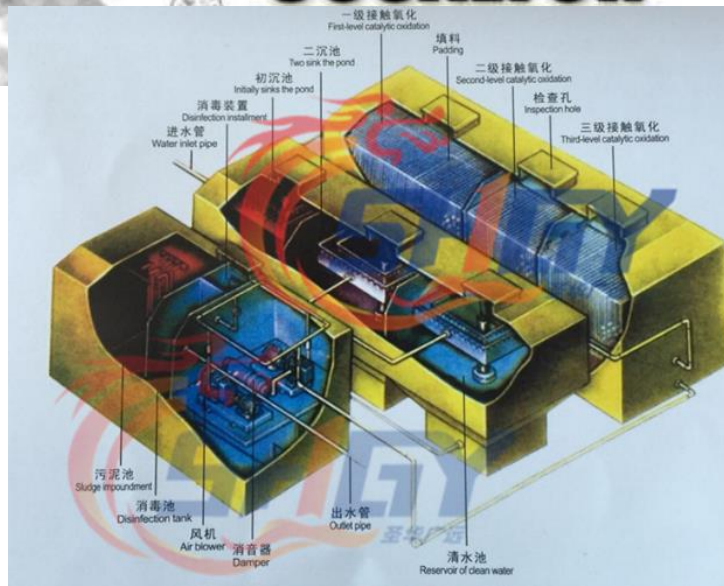
Model	SHSTP-1	SHSTP-2	SHSTP-3	SHSTP-5	SHSTP-7	SHSTP-10	SHSTP-15	SHSTP-20	SHSTP-25	SHSTP-30	SHSTP-50
Air Blower Power (Kw)	0.55	0.75	1.5	1.5	2.2	3.7	5.5	5.5	3.7*2	5.5*2	5.5*3
Water Pump Power (Kw)	0.55	0.55	0.55	0.75	0.75	0.75	0.75	1.5	1.5	2.2	5.5
Area(m2)	6	10	14	19	28	39	58	75	93	113	168

N°	Description	Specification	Quantity	Note
1	Metal screen	Size: 500*800 mm	1 pc	Stainless Steel inner mesh
2	Main structure equipment	Model-5	1 Set	Carbon Steel, with anticorrosion treatment
3	Waste water pump	N=0.75KW	1 Set	Made in China
4	Blowers	N=0.86kw	1 Set	Made in China
5	Electromagnetic Valve		1 pc	For dowload purposes
6	Elastic Fillers	Ø 150 x 2000	1 unit	Plastic (PP)
7	Fountain Stands	Ø 16 steel screw	1 unit	Carbon Steel
8	Muffler for water inlet		1 pc	Structure made of carbon steel
9	Muffler for water outlet		1 pc	
10	Flange for water inlet	Ø 25	1 pc	
11	Flange for water outlet	Ø 50	1 pc	
12	Control system	Electric components	1 pc	Made in China
13	Trampdoor	H=500mm	6 pcs	Carbon Steel, with anticorrosion treatment
14	ClO ₂ generator device	Model-50	1 set	For sterilization of treated water

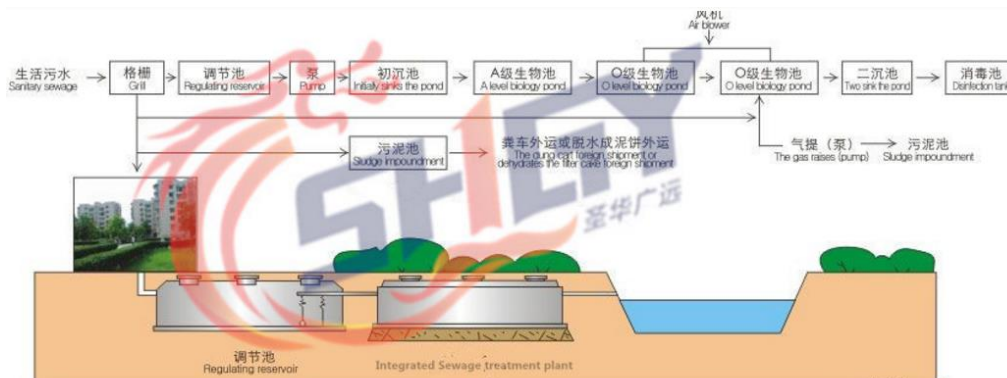
Structure Diagram:

COSALTOR

Equipo Industrial
Líneas de Producción
Químicos
Farmacéuticos



Process Diagram:





Medical Water Incinerator



Used for medical waste incineration. Eliminates a large amount of hazardous waste efficiently and quickly.

Ideal for hospital and industry	50-100 beds
Incineration capacity	50 Kg/h (can burn 3-4 times a day) or continuous
Incinerator size	1800*1150*3000mm (L*W*H)
Incinerator volume	Main chamber:1.5m ³ , cámara secundaria: 0.5m ³
Door size	620*800mm (W*H)
Battery	High 10m, 280 cm exterior diameter
Air blower	0.37kW/ Each one, 2 blowers
ID fan	1.1 kW
Combustion assistance machine	Oil consumption 6-12 Kg/hr
The second combustion machine	Oil consumption 6-12 Kg/hr
Rated Voltage	220V o 380V
Weight	4500 Kg
Fuel type	Diesel, oil