

PureOx™

CHLORINE DIOXIDE GENERATOR

PureOx ClO₂ Generator is a very reliable and cost effective solution in disinfection technology combining high performance, simplicity of use and low maintenance.

PureOx produces chlorine dioxide safely and efficiently. The simple design reduces operational difficulties, resulting in lower operating cost and easy operator control.

PureOx finds application in almost every industry such as dairy, beverage, pulp and paper, f&b processing, poultry, chemical, power, textile, hotels, hospitals etc.

FEATURES:

- HAZOP study conducted
- Production technologies : gas and acid based
- High chlorine dioxide generation efficiency
- Low chlorine residual
- Auto/manual mode timer based operation
- Production capacity: Mentioned in specification chart

BENEFITS:

- Efficient bio-dispersant
- Efficient microbial control
- Approved for drinking water treatment
- Long shelf life in water
- Less corrosive
- Reacts with cyanides, nitrites, sulphides, phenols, Fe 2+



PureOx ClO₂ Generator - Installed at site

ADVANTAGES:

- Kills virus, bacteria, giardia, cryptosporidium, botulism, e.coli and cholera
- Effective in removing odour and taste caused by high organic loading, phenols, sulphides, etc
- No formation of trihalomethanes (THMs)
- Does not react with bromides to form bromine or bromate (a known carcinogen)
- Oxidises iron, manganese and sulfides
- Does not react with ammonia
- Enhances clarification process

INDUSTRIES:

- | | |
|--------------------|------------------------|
| • Cooling Towers | • Wastewater Treatment |
| • Swimming Pools | • Drinking Water |
| • Paper & Pulp | • Process Water |
| • Food & Beverages | • Treatment |

Pure Water Enterprises Pvt Ltd.

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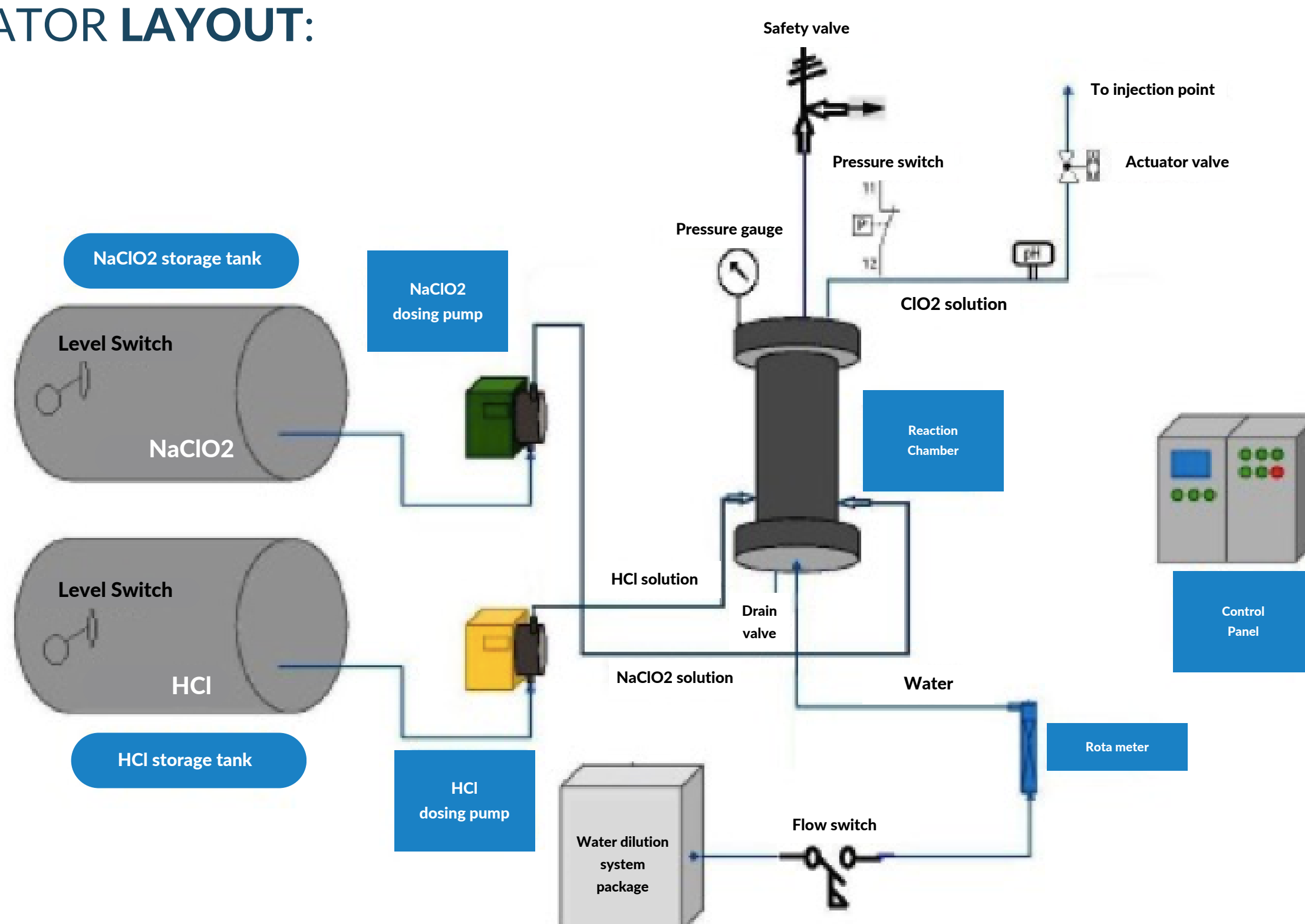
OUR VARIANTS

SPECIFICATIONS CHART:

Sr.No	Parameter	PureOx-200	PureOx-500	PureOx-1000	PureOx-2000
1	ClO2 Max Capacity	15- 200 gm/hr	200- 500 gm/hr	500- 1000 gm/hr	1000- 2000 gm/hr
2	ClO2 Max Capacity*	0.36- 4.8 kg/day	4.8- 12 kg/day	12- 24 kg/day	24- 48 kg/day
3	Max Chemical Consumption - HCl	0.4- 5.2 l/hr	5.2- 15.6 l/hr	15.6- 26 l/hr	26- 45.5 l/hr
4	Max Chemical Consumption - NaClO2	0.3- 4 l/hr	4- 12 l/hr	12- 20 l/hr	20- 35 l/hr
5	Dilution water consumption	30- 300 l/hr	300- 700 l/hr	0.7- 1.5 m3/hr	1.5- 2.5 m3/hr
6	Max pressure (feed water)	max 3 bar	max 3 bar	max 3 bar	max 3 bar
7	Max pressure ClO2 pump	max 3 bar	max 3 bar	max 3 bar	max 3 bar
8	Power consumption	Max 100 W	Max 100 W	Max 100 W	Max 370 W
9	ClO2 concentration	2000 ppm	2000 ppm	2000 ppm	2000 ppm

***Note** - These are our standard configurations, which usually cover all applications in various industries. In case you have a specific requirement in terms of the size of the generator or a varied configuration, we are happy to help you with a tailored solution catering to your needs.

GENERATOR LAYOUT:



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