

Introduction to Chlorine Dioxide Generator

Chlorine Dioxide Generator

- Using 25% NaClO₂ solution and 31% hydrochloric acid as raw materials, and adding process dilution water, the reaction is stable and the operation is safe.
- The feeding system is equipped with internationally famous brand metering pump, constant back pressure device, accurate measurement of raw materials.
- The control system adopts the domestic advanced all-in-one machine, the appearance is simple and generous, PLC(can add BD expansion module) and human-machine interface integration, maximize the reduction of space. With power water undervoltage, lack of materials (optional) and other fault automatic shutdown protection and parameter display, record and remote control functions.

It can receive 4~20mA standard signal representing flow rate and residual chlorine (plus BD expansion module), and change the acceleration of raw material feeding according to the input signal to achieve open loop follow-up and closed-loop automatic control feeding.

Equipped with RS485 communication interface and hardwired communication port, MODBUS communication protocol is used to communicate with the host computer to realize remote monitoring.

- Raw material consumption (g/gClO₂): sodium aerite :2.26; Hydrochloric acid :6.50



Performance Parameter Table

Model	Production of ClO ₂ (kg/h)	Water pressure (MPa)	Water pipe diameter (Φ)	Dosing pipe diameter (Φ)	Dimension (L×B×H)
SHTC-2000	2	≥0.3	25	32	630×450×1600
SHTC-3000	3	≥0.3	25	32/40	680×500×1650
SHTC-5000	5	≥0.3	32	40/50	700×550×1750
SHTC-7000	7	≥0.3	32	40/50	760×650×1850
SHTC-10000	10	≥0.3	40	50/63	760×650×2000