



Hypochlorite Electrolyzer

An electrolyzer has three component parts: an electrolyte and two electrodes (a cathode and an anode) which consists of a system that uses electricity to break water into hydrogen and oxygen in a process called electrolysis.

The electrodes is made of pure titanium with ruthenium and iridium oxide coating which ensure over 5 years coating life ensuring with high hypochlorite generation efficiency.

YUXI hypochlorite electrolyzer is designed for producing 8000ppm sodium hypochlorite through 0.3% brine, which is stable and safety running onsite. With more than 20 years accumulated experience, we can provide customized service for both electrolysis cell or individual electrodes.

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- ▶ Potable water treatment
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- ▶ Wastewater treatment
- ▶ Cooling towers, inland power stations & industry
- ▶ Irrigation systems
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FEATURES

- ▶ Easy and fast installation
- ▶ Good electrocatalytic properties
- ▶ High electrical conductivity
- ▶ Superior corrosion resistance
- ▶ Uniform current distribution
- ▶ No hazard chemical storage

SPECIFICATIONS

Anode Type	Hypochlorite electrolyzer
Anode and Cathode	Gr1 Titanium as substrate
Coating Type	$\text{RuO}_2 + \text{IrO}_2 + \text{X}$
Outer Shell	Anti-corrosion transparent PVC or Acrylic
Inner Isolated Plate	PVDF
Coating Thickness	3-10 μm
Cl₂ Production	0.5 ~ 10 kg/h
Salt Consumption Rate	1.75 ~ 35 kg/h