

HP SERIES GENERATOR

Common Platform
Models HP-3, HP-10, HP-20, HP-40



Using PureCideE as a highly concentrated single-liquid precursor, our patented electrochemical cells efficiently produce 99.5% pure, chlorine-free, ClO₂ solution (active ClO₂ versus bi-products in water). Pure ClO₂ is delivered on demand, safely, and efficiently without the need for an external storage tank.

The system is capable of feeding multiple dosage points simultaneously allowing for several applications from a single generator. The HP series is a common platform system allowing for cost effective, on-site capacity upgrades that grow with your operation/facility.

With multiple safety interlocks, available reporting and communication options, and expert engineering and service support, the HP series is truly the bench mark in safe and reliable ClO₂ generation.

Pure Advantages

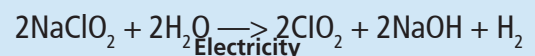
- Single-liquid precursor PureCideE (no acid)
- Produces 99.5% pure ClO₂
- pH neutral solution
- Long life electrolytic cells (no cartridges)
- Multiple control options (flow, residual, permissive, timers, manual)
- Customizable and scalable to 40 lbs/day
- Expert engineering and technical support
- Low operating cost – enhanced ROI

Puretek Platform

What is the Puretek Platform? A multifaceted approach to measuring system production efficiency. Using optical sensors, the Puretek Platform accurately measures generator output concentration. Flow sensors and chemical consumption data complete the picture of production efficiency. This enables end users to manage operating expenses and determine system health. Included with this technology is the option to have system performance data sent to PureLine HQ for monitoring. With Puretek, users have full control and a greater understanding of system health.

PureLine
HP

Reaction Chemistry



Specifications

Capacity:	Less than 1 lb to 40 lbs per day	Co-Products:	– 20% NaOH solution (.01-.1 gpm)
Chemical Usage:	PureCideE – 5.5 lbs-6 lbs / 1 lb ClO ₂		– Spent chemical (.01 - .05 gpm)
Electrical Power:	220 VAC, 1PH, 30A Service (<15A NLD)		– H ₂ safely diluted to <0.5 vol%
Inlet Water:	Clean/filtered min 50 psi (0.5 – 3.0 gpm)		– RO waste (.5 – 1.0 gpm)
PLC & HMI:	Allen Bradley PLC and Color Touch Screen		
Cabinet:	White polypropylene	HS Code:	8421.21.000
Dimensions:	52.25" x 75.5" x 28.25"		
Weight:	500 lbs		

