

Pure₂ is a series of high-performance, two-chemical generators that is available in either high-volume (up to 1,500 lbs.) or low-volume (under 100 lbs.) units. Their advanced design delivers on-demand chlorine dioxide efficiently and safely, and facilitates flow pacing and residual control.

Low-volume Pure₂ generators are ideal for applications that less than 1 pound of chlorine dioxide per day – such as small hospitals.

REACTION CHEMISTRY:



Pure Advantages

- High efficiency
- Electronic controls
- Provides flow pacing and residual control
- Internet connectivity

Pure Chemistry

PureLine's patented ClO₂ technology offers many benefits:

- Does not form THMs
- EPA/RMP & OSHA PSM compliance
- Meets crypto and DBP requirements
- Efficacy over broad pH range
- Iron & manganese reduction
- Taste & odor control
- Removes color
- TOC reduction
- Low capital & operating costs



Generator specifications:

- Capacity: Up to 100 lbs/day ClO₂
- Chemical Usage: PureCide® 7.5 lbs/lb of ClO₂
- Water Usage: Requires 50 psi
- ClO₂ Injection: Up to 3 independently-controlled distribution pumps

Process interface:

- Remote Start Stop: Via external contact for the distribution pump
- Outputs: Alarm and running status via Form-C dry contact
- Programmable Relay

Safety interlocks:

- Discreet connections
- Air sniffer option
- Water flow alarm

Dimensions:

- Overall: 32" W x 70" H x 24" D
- Weight: 103 lbs

Process Connections:

- PureCide®E Inlet: 1/4" FEP Sch.80 PVC stainless steel reinforced
- Distribution Pump Outlet: 1" FPT Sch.80 PVC stainless steel reinforced
- HCl Intel Vent: 1/4" FED
- Power: 230 V, 15Amp single phase
- Water Inlet: 1/2" PVC Schedule 80, Female

Enclosures:

- Process Cabinet and Electrical Enclosure: PVC