

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.

High-volume Pure₂ generators are ideal for applications that require up to 1,500 lbs. of chlorine dioxide per day – such as tank or oil pit cleanouts.

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 1.500 lbs/day ClO₂
- Chemical Usage: PureCide® 7.5 lbs/lb of ClO₂
- Electrical Power: 20 V AC, 1 PH, 15 A service
- Water Requirement: Minimum 50 psi
- ClO₂ Injection: Delivered at 150 psi

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:

- Flow sensor
- Air sniffer option
- Calibration control

Dimensions:

- Overall: 29" W x 70" H x 20" D
- Weight: 153 lbs

Process Connections:

- PureCide®E Inlet: FEP Sch.80 PVC stainless steel reinforced
- HCl Intel Vent: 1/2" FED
- Water Inlet: 1" PVC Sch.80, female

Enclosures:

- Process Cabinet and Electrical Enclosure: PVC