

PRODUCT DATA SHEET



PURE 2 Series ClO₂ Generator

Chemistry to make water work

OVERVIEW

The Pure2 series of Chlorine Dioxide (ClO₂) generators from Pureline takes the traditional two-chemical generation method to a new level. Utilising hydrochloric acid and sodium chlorite, Pure2 generators are able to realise conversion rates that far exceed competing generators that are only capable of converting lower concentration pre-cursors. This is one of our most affordable generators. Available in an open frame configuration or a fully enclosed cabinet.

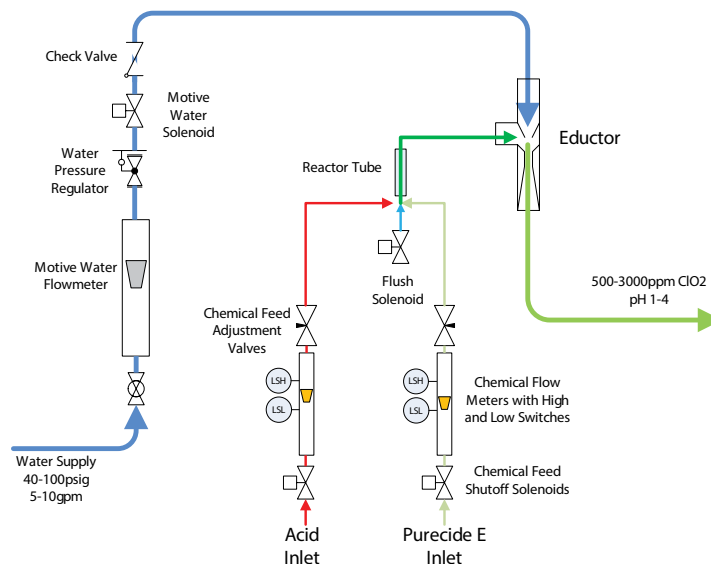
With few moving parts, the Pure2 features low maintenance cost and reliable operation. The system has multiple safety interlocks and controls that allow the user to accurately maintain chemical ratios for optimal efficiency. The system is available with a batch tank and smart pumps that accept external control signals for flow pacing or residual control. With a relatively small footprint, the Pure2 is ideal for affordable and safe ClO₂ generation from <0.5kg/day to 1800kg/day.

- Affordable, efficient system
- Low maintenance cost
- Monitoring and control capabilities
- Multiple safety interlocks
- Enhanced chem. feed control to maximize efficiency and safety
- Broad adjustable production range <0.5kg/day to 680kg per day



STANDARD SPECIFICATIONS

Parameter	Units	Pure2 Model
ClO ₂ Output Capacity	kg/hr	0-9 kg/day (Low Output) 9-1800 kg/day (High Output)
Electricity requirement		220VAC 1ph 20A service (30A for 450kg/day or greater)
Inlet water		80 mesh filtered water 19L/min at 690kPa (regulated). Booster pump recommended
Chemical usage		Purecide E (31% NaClO ₂) ~6.2kg/kg ClO ₂ 25% HCl ~8.1kg/kg ClO ₂
Cabinet		Fiber glass/PVC Skid Standard (optional) White Polypropylene enclosure
Dimensions (WxDxH)	mm	670 x 407 x 1067
Weight	kg	136 - 227
Co-products		Salt (NaCl), Excess Acid (HCl), Chlorate (NaClO ₃)
HS Code		8421.21.0000



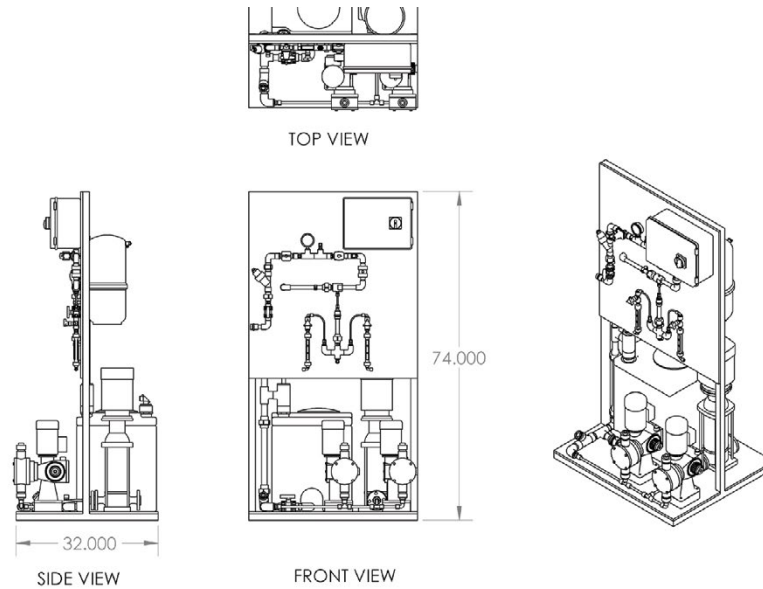
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STANDARD INCLUSIONS + OPTIONS

✓ = Standard Supply o = Optional Supply

Equipment	
Self contained unit	✓
ClO ₂ injection pumps	o
Input chemical storage tanks	o
Produced ClO ₂ break tank	o
Board mount	✓
Cabinet mount	o
PCA analyser	o

Instrumentation & Controls	
Control Panel compliant with AS/NZS 3000, IP55	✓
PLC control system with HMI touch screen	✓
Full redundancy PLC control system	o
Flow pacing capability (utilising external flowmeter signal)	✓
Water flow meter	o
Production tracking and remote system monitoring	o
PCA-970 Chlorine Dioxide Residual Monitoring System	o



MODEL SELECTION

- L** Low-volume
 - H** High-volume
 - B** Board mounted (standard)
 - C** Cabinet mounted (optional)
 - X** ClO₂ batch tank - without
 - C** ClO₂ batch tank - with
 - X** ClO₂ injection pump - without
 - C** ClO₂ injection pump - with
 - X** Specification – standard
 - C** Specification – custom
- P2- _ _ _ _ _

NEED A QUOTE?

COMPLETE THIS TABLE AND EMAIL TO...

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