

# LAMI 500

## HOCl System Generator



## System Specifications

| Data sheet                                           | Automatic                |
|------------------------------------------------------|--------------------------|
| Cell current DC                                      | 240 A                    |
| Electrical supply                                    | 230 VAC 50/60 Hz         |
| Electrical power consumption                         | 3.2 kW                   |
| Energy to FAC                                        | 16,0 W-h/g               |
| Salt (NaCl) consumption                              | 2,5 g/l                  |
| Salt to FAC                                          | 6,25 g/g                 |
| Input water pressure                                 | 2,2 bar                  |
| Mixed Oxidant Solution production capacity (Anolyte) | 500 l/h                  |
| ORP (Redox)                                          | 850-950 mV               |
| pH                                                   | 7                        |
| FAC concentration                                    | 500 ppm                  |
| FAC production                                       | 200 g/h                  |
| Side product NaOH (Catholyte)                        | 3% - pH 13 - ORP -900 mV |

### Working conditions

|                                   |                           |
|-----------------------------------|---------------------------|
| Ambient temperature for operation | 5-40 °C (24h aver.= 35°C) |
| Annual average air humidity       | ≤70% 85% occasionally     |
| Aggressive environment            | to be avoided             |

### Cabinet

|                 |                   |
|-----------------|-------------------|
| Dimension LxWxH | 1700x350mm H850mm |
| Cooling medium  | air convection    |

## Certification & Warranty

Certification

CE | ECHA Art.95

Warranty

1 year

## Key features

Touch screen multicolor PLC

Piping in PTFE (Teflon)

Fittings in PvdF (Kynar)

Automatic start and stop

Process current stabilisation

Dedicated compartments for hydraulics and electronics

Integrated float level switches

Integrated cell flushing system

Possibility to regulate pH

Conductivity sensor

Double cooled electrodes (Anode and Cathode)

## Optional

Remote control capability with Ethernet or Modbus

Remote App for iOS & Android

Full pH adjustment from 3 to 8

Double coating anode (2 years guarantee on cell)



519.808.7031 | [kirkmayercanada.com](http://kirkmayercanada.com) | [info@kirkmayercanada.com](mailto:info@kirkmayercanada.com)  
11-1673 Richmond Street, London, ON Canada N6G 2N3



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