

AMI 1000

HOCl System Generator



System Specifications

Data sheet	Automatic
Cell current DC	400 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	5,5 kW
Energy to FAC	13,75 W-h/g
Salt (NaCl) consumption	2,0 g/l
Salt to FAC	5,0 g/g
Input water pressure	2,5-2,8 bar
Mixed Oxidant Solution production capacity (Anolyte)	1.000 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	500 ppm
FAC production	400 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	1200x400mm H1400mm
Cooling medium	air convection

Certification & Warranty

Certification

CE | ECHA Art.95

Warranty

1 year

Key features

Touch screen multicolour 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

Acid sensor

Integrated cell flushing system

Conductivity sensor

Possibility to regulate pH

Micro-switch valves

Optional

Remote control capability with Ethernet or Modbus

Remote App for iOS & Android

Double coating anode (guaranteed 2 years)

Integrated ORP (Redox) probe

Integrated pH sensor for accurate adjustment

Full pH adjustment from 3 to 8

Full automated cell flushing system



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