Generatory produkcji HOCL

NAJTAŃSZA I NAJSKUTECZNIEJSZA METODA DEZYNFEKCJI POTWIERDZONA BADANIAMI

Technologia

Najwyższej jakości seria urządzeń do produkcji kwasu podchlorawego. Urządzenienia wytwarzają roztwór (ECA) dezynfekujący, nietoksyczny i biodegradowalny, zdolny do niszczenia bakterii, zarodników, wirusów, pleśni, drożdży, grzybów, biofilmów. Główną substancją aktywną w tym roztworze jest kwas podchlorawy (HOCL). Do produkcji wystarczy woda, chlorek sodu oraz prąd.

Specyfikacja

- wielokolorowy ekran dotykowy PLC
- oddzielne przedziały na elementy hydrauliczne i elektryczne
- podwójnie chłodzone ogniwo z elektrodami
- zintegrowany system płukania elektrody
- możliwość regulacji pH (ekstremalna stabilność)
- obie elektrody wykonane z Titanium Grade 2
- złącza i węże z PTFE/PVDF
- automatyczne uruchamianie i zatrzymywanie
- stabilizacja prądu procesowego
- zintegrowane przełączniki poziomu pływaka

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ACTIW®

Seria BMI

Seria BMI została zaprojektowana z myślą o małych konsumentach. Niewielkie gabaryty z zachowaniem najwyższej jakości pozwalają na łatwy transport urządzenia i niezrównaną prostotę konserwacji. Seria BMI zawiera podwójnie chłodzone ogniwo elektrodowe z płaską przesłoną,wytwarzaną z pochodnej PTFE.

- Łatwy w użyciu;
- Bardzo niskie zużycie energii i soli;
- Proces o wysokiej wydajności;
- Wysoka niezawodność;
- Niskie koszty wdrożenia, zarządzania i utrzymania;
- Praca automatyczna poprzez czujniki poziomu w zbiorniku;
- Ręczna regulacja stężenia HOCL i pH
- Ręczne płukanie generatora
- Zużycie soli: 3,0 gram/1 litr`

Wydajność od 5 do 30 litrów roztworu o stężeniu 500 ppm HOCL na 1 godzinę.

BMI - 05
BMI - 010
BMI - 030

Seria LAMI

Seria LAMI została zaprojektowana z myślą o potrzebach tych klientów, którzy preferują wybór tańszej maszyny chcąc nadal polegać na wysokiej jakości, zachowując solidność i prostotę jako główne cechy.

Seria LAMI jest wyposażona w opatentowane ogniwo elektrolityczne zawierające komponenty o unikalnej architekturze. W przeciwieństwie do innych cylindrycznych ogniw współosiowych, które obecnie są najbardziej rozpowszechnione na rynku, ogniwo w serii LAMI zostało zoptymalizowane, zaprojektowane i opracowane ze specjalną geometrią anody, która pozwoliła zintegrować system chłodzenia z podwójnymi elektrodami (anoda-katoda) .

- Łatwy w użyciu;
- Bardzo niskie zużycie energii i soli;
- Proces o wysokiej wydajności;
- Wysoka niezawodność;
- Niskie koszty wdrożenia, zarządzania i utrzymania;
- Praca automatyczna poprzez czujniki poziomu w zbiorniku;
- Ręczna regulacja stężenia HOCL i pH
- Ręczne płukanie generatora
- Automatyczne uruchamianie i zatrzymywanie systemu w przypadku przerwy w dostawie wody;
- Ekran dotykowy
- Zużycie soli: 2,8 gram/1 litr
- Możliwość podłączenia do internetu (opcja dodatkowa)

Wydajność od 50 do 1200 litrów na godzinę. Stężenie HOCL od 100 do 2500ppm

LAMI - 050
LAMI - 100
LAMI - 200
LAMI - 300
LAMI - 400
LAMI - 500
LAMI - 600
LAMI - 800
LAMI - 1000
LAMI - 1200

Seria AMI

Najwyższej jakości Seria AMI została zaprojektowana z myślą o klientach, którzy oczekują bardziej zaawansowanego poziomu automatyzacji. Dzięki zintegrowanemu systemowi chłodzenia z podwójnymi elektrodami (pierwszy na świecie i jedyny dla tej klasy ogniw) oraz geometrii komponentów, gwarantowany jest wydajny i optymalny odzysk ciepła, ze zwiększoną wydajnością pod względem przepływu na generator, przy absolutnym bezpieczeństwie i niezawodności.

- Łatwy w użyciu;
- Bardzo niskie zużycie energii i soli;
- Proces o wysokiej wydajności;
- Wysoka niezawodność;
- Niskie koszty wdrożenia, zarządzania i utrzymania;
- Praca automatyczna poprzez czujniki poziomu w zbiorniku;
- Automatyczna regulacja stężenia HOCL i pH
- Automatyczne uruchamianie i zatrzymywanie systemu w przypadku przerwy w dostawie wody;
- Automatyczny system płukania generatora
- Ekran dotykowy
- Zużycie soli: 2,0 gram/1 litr
- Możliwość podłączenia do Internetu (opcja dodatkowa)

Wydajność od 50 do 1200 litrów na godzinę. Stężenie HOCL od 100 do 2500ppm

AMI - 50
AMI - 100
AMI - 200
AMI - 300
AMI - 400
AMI - 500
AMI - 600
AMI - 800
AMI - 1000
AMI - 1200

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Seria BMI

ECA GENERATOR	BMI-05
Data sheet	Automatic
Cell current DC	3 A
Electrical supply	110-230 VAC 50/60 Hz
Electrical power consumption	40 W
Energy to FAC	20 W-h/g
Salt (NaCl) consumption	4 g/l
Salt to FAC	8 g/g
Input water	By dedicated pump
Mixed Oxidant Solution production capacity (Anolyte)	5 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	2 g/h
Side product NaOH (Catholyte)	2,0 l/h- pH 12
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:	500x160mm H300mm - 11kg
Cooling medium:	air convection
Certification & Warranty	
Certification	CE - ECHA Art.95
Warranty	1 year on components
Key features	
Graphical measuring instrument for current and voltage	
Piping in PTFE (Teflon)	
Fittings in Pvdf (Kynar)	
Manual start and stop	
Process current stabilisation	
Dedicated compartments for hydraulics and electronics	
Integrated cell flushing system	
Possibility to regulate pH	
Optional	
Double coating anode (guaranteed 2 years)	

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Seria BMI

ECA GENERATOR	BMI-010
Data sheet	Automatic
Cell current DC	7 A
Electrical supply	100-230 VAC 50/60 Hz
Electrical power consumption	120 W
Energy to FAC	30 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)	10 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	4 g/h
Side product NaOH (Catholyte)	1,1 l/h- pH 12 - 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:	400x200mm H600mm - 20kg
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	
Double cooled electrodes (Anode and Cathode)	
Optional	
Double coating anode (guaranteed 2 years)	
Remote control capability with Ethernet or Modbus	
Remote App for iOS & Android	

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Seria BMI

ECA GENERATOR	BMI-030
Data sheet	Automatic
Cell current DC	16 A
Electrical supply	100-230 VAC 50/60 Hz
Electrical power consumption	220 W
Energy to FAC	18,3 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)	30 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	12 g/h
Side product NaOH (Catholyte)	3 l/h - pH 12 - 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:	400x200mm H600mm - 20kg
Cooling medium:	air convection
Certification & Warranty	
Certification	CE ECHA Art.95
Warranty	1 year on components
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	
Double cooled electrodes (Anode and Cathode)	
Optional	
Double coating anode (guaranteed 2 years)	
Remote control capability with Ethernet or Modbus	
Remote App for iOS & Android	

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Seria LAMI

ECA GENERATOR	LAMI-050
Data sheet	Automatic
Cell current DC	25 A
Electrical supply	100-230 VAC 50/60 Hz
Electrical power consumption	300 W
Energy to FAC	15 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)	50 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	20 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:	1120x260mm H655mm
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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-100
Data sheet	Automatic
Cell current DC	48 A
Electrical supply	100-230 VAC 50/60 Hz
Electrical power consumption	550 W
Energy to FAC	13,1 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)	105 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	42 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:	1120x260mm H655mm
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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-200
Data sheet	**Automatic**
Cell current DC	95 A
Electrical supply	230 VAC 50/60 Hz
Electrical power consumption	1.300 W
Energy to FAC	15,85 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)	205 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	82 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:	1260x300mm H810mm
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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-300
Data sheet	Automatic
Cell current DC	125 A
Electrical supply	230 VAC 50/60 Hz
Electrical power consumption	1.85 kW
Energy to FAC	15,1 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)	305 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	122 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:	1260x300mm H810mm
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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-400
Data sheet	Automatic
Cell current DC	195 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	2.6 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)	405 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	162 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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-500
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	400 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)	

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Seria LAMI

ECA GENERATOR	LAMI-600
Data sheet	Automatic
Cell current DC	250 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	3.5 kW
Energy to FAC	14.5 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)	600 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	240 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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-800
Data sheet	Automatic
Cell current DC	310 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	4,2 kW
Energy to FAC	13,1 W-h/g
Salt (NaCl) consumption	2,5 g/l
Salt to FAC	6,25 g/g
Input water pressure	2,8 bar
Mixed Oxidant Solution production capacity (Anolyte)	800 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	320 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:	1210x400mm H1500mm
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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-1000
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	2,5 g/l
Salt to FAC	6,25 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	400 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 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 (guaranteed 2 years)	

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Seria LAMI

ECA GENERATOR	LAMI-1200
Data sheet	Automatic
Cell current DC	550 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	6,8 kW
Energy to FAC	11,3 W-h/g
Salt (NaCl) consumption	2,8 g/l
Salt to FAC	5,6 g/g
Input water pressure	2,5-2,8 bar
Mixed Oxidant Solution production capacity (Anolyte)	1.200 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	500 ppm
FAC production	600 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:	1100x800mm H1700mm
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 (guaranteed 2 years)	

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Seria AMI

ECA GENERATOR	AMI-050
Data sheet	Automatic
Cell current DC	25 A
Electrical supply	100-230 VAC 50/60 Hz
Electrical power consumption	300 W
Energy to FAC	15,0 W-h/g
Salt (NaCl) consumption	2,0 g/l
Salt to FAC	5 g/g
Input water pressure	2,2 bar
Mixed Oxidant Solution production capacity (Anolyte)	50 l/h
ORP (Redox)	850-900 mV
pH	7
FAC concentration	400 ppm
FAC production	20 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:	1120x260mm H655mm
Cooling medium:	air convection
Certification & Warranty	
Certification	CE ECHA Art.95
Warranty	1 year on components
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	
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 pH sensor for accurate adjustment	
Integrated ORP (Redox) sensor	
Full pH adjustment from 3 to 8	
Full automated cell flushing system	

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Seria AMI

ECA GENERATOR	AMI-100
Data sheet	Automatic
Cell current DC	48 A
Electrical supply	100-230 VAC 50/60 Hz
Electrical power consumption	550 W
Energy to FAC	13,1 W-h/g
Salt (NaCl) consumption	2,0 g/l
Salt to FAC	5,0 g/g
Input water pressure	2,2 bar
Mixed Oxidant Solution production capacity (Anolyte)	105 l/h
ORP (Redox)	850-900 mV
pH	7
FAC concentration	400 ppm
FAC production	42 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:	1120x260mm H655mm
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	
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 pH sensor for accurate adjustment	
Integrated ORP (Redox) sensor	
Full pH adjustment from 3 to 8	
Full automated cell flushing system	

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Seria AMI

ECA GENERATOR	AMI-200
Data sheet	Automatic
Cell current DC	95 A
Electrical supply	230 VAC 50/60 Hz
Electrical power consumption	1.300 W
Energy to FAC	15,85 W-h/g
Salt (NaCl) consumption	2,0 ±30% g/l
Salt to FAC	5,0 ±30% g/g
Input water pressure	2,2 bar
Mixed Oxidant Solution production capacity (Anolyte)	205 l/h
ORP (Redox)	850-900 mV
pH	7
FAC concentration	400 ppm
FAC production	82 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:	1260x300mm H810mm
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	
Acid sensor	
Integrated cell flushing system	
Conductivity sensor	
Possibility to regulate pH	
Micro-switch valves	
Double cooled electrodes (Anode and Cathode)	
Optional	
Remote control capability with Ethernet or Modbus	
Remote App for iOS & Android	
Integrated pH probe	
Integrated ORP (Redox) probe	
Full pH adjustment from 3 to 8	
Double coating anode (guaranteed 2 years)	
Full automated cell flushing system	

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Seria AMI

ECA GENERATOR	AMI-300
Data sheet	Automatic
Cell current DC	125 A
Electrical supply	230 VAC 50/60 Hz
Electrical power consumption	1.850 W
Energy to FAC	15,2 W-h/g
Salt (NaCl) consumption	2,0 g/l
Salt to FAC	5,0 g/g
Input water pressure	2,2 bar
Mixed Oxidant Solution production capacity (Anolyte)	305 l/h
ORP (Redox)	850-900 mV
pH	7
FAC concentration	400 ppm
FAC production	122 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:	1260x300mm H810mm
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	
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)	
Full automated cell flushing system	
Integrated pH sensor for accurate adjustment	
Integrated ORP (Redox) probe	
Full pH adjustment from 3 to 8	

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Seria AMI

ECA GENERATOR	AMI-400
Data sheet	Automatic
Cell current DC	195 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	2.6 kW
Energy to FAC	16,0 W-h/g
Salt (NaCl) consumption	2,0 g/l
Salt to FAC	5,0 g/g
Input water pressure	2,2 bar
Mixed Oxidant Solution production capacity (Anolyte)	405 l/h
ORP (Redox)	850-900 mV
pH	7
FAC concentration	400 ppm
FAC production	162 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 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 pH sensor for accurate adjustment	
Full pH adjustment from 3 to 8	
Full automated cell flushing system	

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Seria AMI

ECA GENERATOR	AMI-500
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	2,0 g/l
Salt to FAC	5,0 g/g
Input water pressure	2,2 bar
Mixed Oxidant Solution production capacity (Anolyte)	500 l/h
ORP (Redox)	850-900 mV
pH	7
FAC concentration	400 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	
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	
Integrated pH probe	
Integrated ORP (Redox) probe	
Double coating anode (guaranteed 2 years)	
Full pH adjustment from 3 to 8	
Full automated cell flushing system	

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Seria AMI

ECA GENERATOR	AMI-600
Data sheet	Automatic
Cell current DC	250 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	3,5 kW
Energy to FAC	14,6 W-h/g
Salt (NaCl) consumption	2,0 g/l
Salt to FAC	5,0 g/g
Input water pressure	2,2 bar
Mixed Oxidant Solution production capacity (Anolyte)	600 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	240 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:	1700 x 350 x H 1060mm
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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Seria AMI

ECA GENERATOR	AMI-800
Data sheet	Automatic
Cell current DC	310 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	4,2 kW
Energy to FAC	13,1 W-h/g
Salt (NaCl) consumption	2,0 g/l
Salt to FAC	5,0 g/g
Input water pressure	2,8 bar
Mixed Oxidant Solution production capacity (Anolyte)	800 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	320 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 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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Seria AMI

ECA GENERATOR	AMI-1000
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	400 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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Seria AMI

ECA GENERATOR	AMI-1200
Data sheet	Automatic
Cell current DC	500 A
Electrical supply	400 VAC 50/60 Hz 3phase
Electrical power consumption	6,8 kW
Energy to FAC	14,2 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)	1.200 l/h
ORP (Redox)	850-950 mV
pH	7
FAC concentration	400 ppm
FAC production	480 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:	1100x800mm H1700mm
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	