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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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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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ESTONIA

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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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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ECA GENERATOR		LAMI-400
Data sheet		Automatic
Cell current DC	195 A	
Electrical supply	230 VAC 50/60 Hz	
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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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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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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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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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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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)		