



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
ESTONIA

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

ECA GENERATOR		AMI-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		2,0 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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn.5
11712 Tallinn
Estonia

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

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		



+372 56052579



www.kirkmayer.com
office@kirkmayer.com



Pardiloigu tn 5
11712 Tallinn
Estonia

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		