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Pardiloigu tn 5  
11712 Tallinn  
Estonia

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
<b>Working conditions</b>		
Ambient temperature for operation:		5-40 °C (24h aver.= 35°C)
Annual average air humidity:		<70% 85% occasionally
Aggressive environment:		to be avoided
<b>Cabinet</b>		
Dimension LxWxH:		500x160mm H300mm - 11kg
Cooling medium:		air convection
<b>Certification &amp; Warranty</b>		
Certification		CE - ECHA Art.95
Warranty		1 year on components
<b>Key features</b>		
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		
<b>Optional</b>		
Double coating anode (guaranteed 2 years)		



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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
<b>Working conditions</b>		
Ambient temperature for operation:		5-40 °C (24h aver.= 35°C)
Annual average air humidity:		≤70% 85% occasionally
Aggressive environment:		to be avoided
<b>Cabinet</b>		
Dimension LxWxH:		400x200mm H600mm - 20kg
Cooling medium:		air convection
<b>Certification &amp; Warranty</b>		
Certification		CE ECHA Art.95
Warranty		1 year
<b>Key features</b>		
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)		
<b>Optional</b>		
Double coating anode (guaranteed 2 years)		
Remote control capability with Ethernet or Modbus		
Remote App for iOS & Android		



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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
<b>Working conditions</b>		
Ambient temperature for operation:		5-40 °C (24h aver.= 35°C)
Annual average air humidity:		≤70% 85% occasionally
Aggressive environment:		to be avoided
<b>Cabinet</b>		
Dimension LxWxH:		400x200mm H600mm - 20kg
Cooling medium:		air convection
<b>Certification &amp; Warranty</b>		
Certification		CE ECHA Art.95
Warranty		1 year on components
<b>Key features</b>		
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)		
<b>Optional</b>		
Double coating anode (guaranteed 2 years)		
Remote control capability with Ethernet or Modbus		
Remote App for iOS & Android		