



+372 56052579



[www.kirkmayer.com](http://www.kirkmayer.com)  
office@kirkmayer.com



Pardiloigu tn 5  
11712 Tallinn  
Estonia

<b>ECA GENERATOR</b>		<b>BMI-05</b>
<b>Data sheet</b>		Automatic
Cell current DC	4 A	
Electrical supply	230 VAC 50/60 Hz	
Electrical power consumption	80 W	
Energy to FAC	53 W-h/g	
Salt (NaCl) consumption	3 g/l	
Salt to FAC	10 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	300 ppm	
FAC production	1,5 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)		



+372 56052579



[www.kirkmayer.com](http://www.kirkmayer.com)  
office@kirkmayer.com



Pardiloigu tn 5  
11712 tallinn  
ESTONIA

<b>ECA GENERATOR</b>		<b>BMI-010</b>
<b>Data sheet</b>		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>		
Graphical measuring instrument for current and voltage		
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)		



+372 56052579



[www.kirkmayer.com](http://www.kirkmayer.com)  
office@kirkmayer.com



Pardiloigu tn 5  
11712 Tallinn  
ESTONIA

<b>ECA GENERATOR</b>		<b>BMI-030</b>		
<b>Data sheet</b>		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>				
Graphical measuring instrument for current and voltage				
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)				