

Specifications of Lavanda60000 generator of concentrated catholyte and anolyte fluids



Specifications/Models	Lavanda60000
Catholyte output	~20 LPH

NaOH concentration in catholyte	From ~2000 ppm and up to ~6000 ppm(see the table below)
Salt consumption for catholyte production	~3 G per 1 G of NaOH
Anolyte output	~ 20 LPH
FAC concentration in anolyte	From ~2000 ppm and up to ~7000 ppm(see the table below)
Salt consumption for anolyte production	~3 G per 1 G of FAC
Power source	220 VAC/50-60 Hz
Size of the cabinet	800 x 500 x 270
Semi-Automated flushing	+
Integrated acid pump for cell flushing	+
Independent brine pump	+
Ph range	Ph ~12,7-13,0 for catholyte and pH ~6,8-7,2 for anolyte (see the table below)
Type of cell	R-400C
Life expectancy of electrodes and membrane	5-7 years provided water flow rate/pressure, brine solution and flushing are in order
Piping and fittings	LLDPE tubing and Kynar fittings
PLC	Vision 130
Input valve	+
Flow and pressure sensors	+
Temperature control of the cell	+
Remote control capability (optional)	Ethernet, GSM or Modbus

Lavanda6000 production data

6000 ppm mode

Type of fluid	Active agent	Concentration, ppm	pH	ORP, mV
Catholyte	NaOH	6150	13,0	-946
Anolyte	HClO	7200	7,2	906

4000 ppm mode

Type of fluid	Active agent	Concentration ppm	pH	ORP, mV
Catholyte	NaOH	4400	12,8	-940
Anolyte	HClO	5300	7,1	920

2000 ppm mode

Type of fluid	Active agent	Concentration, ppm	pH	ORP ,mV
Catholyte	NaOH	2200	12,7	-900
Anolyte	HClO	2400	6,8	909



Interior of Lavanda6000

