



CHLORINE Sensors

ECL1/X * ECL2 * ECL3 * ECL8 * ECL6 * ECL6/E * ECL7

EMEC chlorine cells and electrodes are the ideal complements to Emec controllers for an accurate and reliable control of your processes. Chlorine easy-maintenance electrodes provide accurate reading values and fast responses, performances required for the most accurate measurements. The section below shows the electrode's differences so that you can select the model best fit for your requirements.

Models



ECL1/X*

Free chlorine amperometric cell (inorganic) for sodium hypochlorite, temperature compensated. The ECL1 is membrane covered, two electrode sensors.

* Ranges available:
 x=2 0÷2mg/l
 x=3 0÷3mg/l
 x=5 0÷5mg/l
 x=10 0÷10mg/l
 x=30 0÷30mg/l

ECL8

Total chlorine amperometric cell (organic and inorganic), pH and temperature compensated. The ECL8 is membrane covered, two electrode sensors.

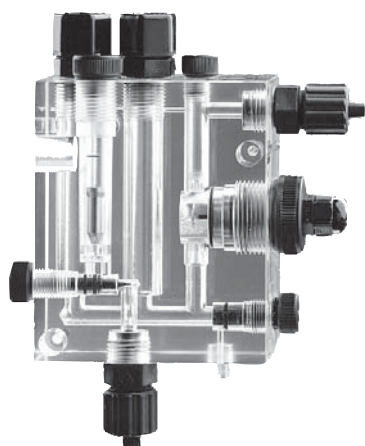
ECL3

Free chlorine amperometric cell (organic and inorganic), pH and temperature compensated. The ECL3 is membrane covered, two electrode sensors.

ECL2

Free chlorine amperometric cell for chlorine dioxide, temperature compensated. The ECL2 is membrane covered, two electrode sensors.

Models



ECL7

Free chlorine self cleaning amperometric cell (organic and inorganic). Flow level control and electrodes holder (pH, Redox and temperature). PG13,5. Set to host proximity switch mod. SEPR.

ECL6

Free chlorine self cleaning amperometric cell (organic and inorganic). Flow level control and electrodes holder (pH, Redox and temperature). Set to host proximity switch mod. SEPR.

ECL6/E

Free chlorine self cleaning amperometric cell (organic and inorganic). Flow level control. Set to host proximity switch mod. SEPR.

TECHNICAL DATA OF ALL MODELS

Functions	ECL6	ECL6/E	ECL7
Measurement Range	0 ÷ 10 mg/l		
Flow	40 l/h		
Body	Acrylic		
Electrodes	Platinum Copper		
Dimensions	115 x 135 x 60	90 x 135 x 60	115 x 135 x 60
Electrical Connection	2 wires		
Cable Length	1,5 m		
Hose Connections	8 x 12 mm		
Temperature	1 - 45 °C		
Pressure	max 5 bar		

Functions	ECL1/X	ECL2	ECL3	ECL8
Measurement Range	0 ÷ 2 mg/l 0 ÷ 5 mg/l 0 ÷ 10 mg/l 0 ÷ 30 mg/l	0 ÷ 1 mg/l	0 ÷ 20 mg/l	0 ÷ 20 mg/l 0 ÷ 2 mg/l
Flow	40 l/h			
Body	PVC			SS
Diameter	25			
Probe Length	17,8 cm			
Electrical Connection	4 wires			
Cable Length	1,5 m			
Temperature	1 - 45 °C			
Pressure	max 1 bar			