



Accessories for Instruments **CHLORINE Sensors**

*ECL1/X * ECL2 * ECL3 * ECL8 * ECL6 * ECL6/E * ECL7 * ECL12 * ECL12/E*

A.T.A. chlorine cells and electrodes are the ideal complements to A.T.A. controllers for an accurate and reliable control of 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, calcium hypochlorite, chlorine gas, temperature compensated. The ECL1 is membrane covered, two electrode sensors.
* Ranges available:
x=2 0÷2mg/l
x=5 0÷5mg/l
x=20 0÷20mg/l
x=200 0÷200mg/l

ECL8

Total chlorine amperometric cell (organic and inorganic), pH and temperature compensated. The ECL8 is membrane covered, 3 electrode sensors.

ECL3S - ECL3N

Free chlorine amperometric cell (organic - ECL3S, and inorganic - ECL3N), pH and temperature compensated. The ECL3 is membrane covered, 3 electrode sensors.

ECL2

Chlorine dioxide amperometric cell, temperature compensated. The ECL2 is membrane covered, two electrode sensors.

Models

ECL6

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



ECL12

Seawater free chlorine self cleaning amperometric cell (organic and inorganic). Flow level control and electrodes holder (pH, Redox and temperature). With proximity switch mod. SEPR.

ECL6/E

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

ECL7

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

ECL12/E

Seawater free chlorine self cleaning amperometric cell (organic and inorganic). Flow level control. With proximity switch mod. SEPR.

TECHNICAL DATA OF ALL MODELS

Functions	ECL6	ECL6/E	ECL7	ECL12	ECL12/E
Measurement Range	0 ÷ 10 mg/l				
Flow	40 l/h				
Body	Acrylic				
Electrodes	Platinum Copper			Platinum Silver	
Dimensions	115 x 135 x 60	90 x 135 x 60	115 x 135 x 60	115 x 135 x 60	90 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	ECL3S/10	ECL3N/2	ECL3N/10	ECL8
Measurement Range	0 ÷ 2 mg/l 0 ÷ 5 mg/l 0 ÷ 20 mg/l 0 ÷ 200 mg/l	0 ÷ 2 mg/l 0 ÷ 20 mg/l	0 ÷ 10 mg/l	0 ÷ 2 mg/l	0 ÷ 10 mg/l	0 ÷ 20 mg/l 0 ÷ 2 mg/l
Flow	40 l/h					
Body	PVC					
Diameter	25					
Probe Length	17,8 cm					
Electrical Connection	4 wires					
Cable Length	1,5 m					
Temperature	5 - 50 °C					
Pressure	max 1 bar					