



**NIEUWKOOP**

METEN.NL

# LEAFLET



## CL5200

FLOWCELL WITH SENSOR FOR FREE  
RESIDUAL CI2



TO MEASURE  TO KNOW

**CL5200**

FLOWCELL WITH SENSOR FOR FREE RESIDUAL Cl<sub>2</sub>



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## **FLOW CELLS AND SENSORS FOR FREE/COMBINED CHLORINE AND D.OZONE**

This series of sensors with flowcells is for measuring free chlorine and dissolved ozone.

The sensors are polarographic with membrane, and provide a signal proportionate to the content in the liquid. All models come with a built-in Pt100 for temperature.

The measurement of chlorine/ozone does not alter the sample because there is no addition of chemicals to the water flow.

The model CL7901 is ideal for drinking water plants, cooling towers, reverse osmosis, dechlorination and activated carbon.

The model CL7902 is recommended for combined chlorine in swimming pools, and in water treatment plants where there are chloramines.

Finally, OZ7901 is for drinking water, cooling towers, sterilization and activated carbon.

When installing these cells in the plant, it is recommended to leave enough room for operations, such as cleaning and replacing the sensor.

All models can be connected to CL7685.010, CL7685.001, CL7687, CL3630, CL7635 or CL7335. CL7902 requires the instruments to be set with -400 mV polarization.



### **CL7901**

For Free Chlorine measurement

The package contains:

- **0012.000066** Free Chlorine sensor
- **0012.030029** a 7m cable
- **0012.000043** flow cell
- **0012.090011** electrolyte 125 cc
- **0012.050005** kit of 10 membranes

### **CL7902**

For Combined Chlorine measurement

The package contains:

- **0012.000066** Free Chlorine sensor
- **0012.030029** a 7m cable
- **0012.000043** flow cell
- **0012.090010** electrolyte 125 cc
- **0012.050007** kit of 10 membranes

### **OZ7901**

For D. Ozone measurement

The package contains:

- **0012.000042** D. Ozone sensor
- **0012.030029** a 7m cable
- **0012.000043** flow cell
- **0012.090008** electrolyte 125 cc
- **0012.050002** kit of 10 membranes

#### **Technical Specifications**

**Response time:** 90% in 60 s

**Temperature sensor:** RTD Pt100 built-in

**Temperature limits:** 5/+55°C

**Material:** Noryl and stainless steel

**Type of cell:** overflow system

**Material:** clear acrylic

**Inlet:** 25/110 litre/hour

**Inlet fitting:** 1/4"

**Outlet fitting:** 1/2"

Sensors for Chlorine Dioxide, and total Residual Chlorine and in-line measurements are available



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