

*Complete range of measurement cell sensors  
for various applications*



**Optimal measurements for all types of  
physico-chemical water parameters**



# Measurement cells

New

## MODULAR and SINGLE BLOCK measurement cells

- Measurement cells for various applications: **drinking water, hot water loop** (max: 70°C), **water process, cooling water, swimming pool water**...
- Possible connection either on **samplings** with discharge to the waste water evacuation or in **closed pressure** (max: 8 bars)
- Adaptation to **all types of amperometric sensors** with 1" size
- Control system by micrometer screw to **adjusted sample flow**
- **Visual and flow control** by magnetic float into the measurement cell
- Material available: PVC/EPDM, PVDF/FPM... / Tubing connector: PVC, acetal, PVDF, stainless steel according to the application
- **Max. pressure: 8 bars**

### MODULAR MEASUREMENT CELLS

#### Applications:

**PUBLIC SWIMMING POOLS, INDUSTRIAL PROCESS**

#### Advantages:

- Possibility to add different modules according to your needs
- Economical solution
- 1 single sampling for all measurements
- Available with different tubing connectors

#### Measurement cells composition with:

- Flow module
- PG13,5 sensor module for pH, ORP
- 1/2" kit for temperature sensor
- 1" amperometric sensor module or other sensors



### SINGLE BLOCK MEASUREMENT CELLS

#### Applications:

**INDUSTRIAL PROCESS, DRINKING WATER, HOT LOOP WATER**

#### Advantages:

- Single or multi fixation sensors
- Clear, robust and compact
- High pressure and temperature resistance
- Remote 4-20 mA signal up to 1000 m between the controller and the cell convertor

#### Measurement cells composition with:

- Flow function incorporated
- With or without PG13,5 or 1/2" for pH, ORP, temperature sensors
- 1 place for 1" amperometric sensor



## IN-TUBING and UNIVERSAL measurement cells

### IN-TUBING MEASUREMENT CELLS

#### Applications:

**PUBLIC SWIMMING POOLS**

#### Advantages :

- **MEASUREMENT WITHOUT WATER LOSS**
- Water sample into overflow tubing
- Adaptation kits to PVC, steel, stainless steel or PEHD pipe
- Easy maintenance
- Integrated convertor
- Single or multi fixation sensors

#### Measurement cell features:

- From 1 to 4 measured parameters
- Optional electronic flow detector

*Patented by SYCLOPE Electronique*

**WITHOUT WATER LOSS**



### UNIVERSAL MEASUREMENT CELLS

#### Applications :

**PUBLIC SWIMMING POOLS**

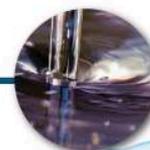
#### Advantages:

- Single or multi fixation sensors
- Measurement by sampling from pressure water
- Integrated electronic convertor
- Remote 4-20 mA signal up to 1000 m between the controller and the cell convertor
- Transparent front face for easy maintenance
- Integrated and calibrated flow detector (min. 30l/h)

#### Measurement cell features:

- From 1 to 4 measured parameters
- Optional electronic flow detector

*Patented by SYCLOPE Electronique*



# Specific applications

## Measurement cells for *SPECIFIC APPLICATIONS*

### SEA WATER MEASUREMENT CELLS

#### Applications:

**SEA WATER POOLS, AQUARIUM, THALASSOS, THERMAL WATERS and any hard process**

#### Advantages:

- Single compact measurement cell with self-cleaning
- With or without pH and temperature measurement
- Integrated regulated sampling flow rate
- Bromine and Chlorine measurement
- Remote 4-20 mA signal up to 1000 m between the controller and the cell convertor

#### Measurement cell configuration:

- Plexiglass cells with flow adjustment and waste water evacuation
- Control system by micrometer screw to adjusted sample flow
- Max. admissible pressure: 4 bars



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