

# REFERENCE SITES



**SYCLOPE**  
Electronique



# SYCLOPE ELECTRONIQUE

It was with passion that I created SYCLOPE Electronique 30 years ago.

Since the beginning, my objective was to create reliable and professional equipment of analysis and regulation in order to ensure optimal water treatment of swimming pools, aquatic centers, zoos, hotels, campsites, spas ...



Our equipment is manufactured in France, in our Béarn factory located near Pau where our employees apply themselves every day to offer our partners and customers robust and quality devices.

SYCLOPE:

- A recognized and appreciated expert
- An available and attentive team
- Reliable diagnostics and recommendations
- A must-have

This booklet will give you an overview of some reference sites equipped with our equipment.



Best Regards,

Georges BRETON  
*Charmain*



# MUNICIPALE swimming pools

Reference sites





**COMPETITION  
OR RELAXATION**

## STADE NAUTIQUE PAU (64)

Learning pool, play pool with bubble seat,  
countercurrent river, hydromassage beds, outdoor pool  
50 m, pentagliss, water games and solarium,  
jacuzzi, steam room, sauna ...

## ANALYSES & REGULATIONS

Pools equipped with 7  
EVASION controllers  
for the control  
of water quality





## STADE NAUTIQUE PAU (64)

### ULTRAFILTRATION

Membrane ultrafiltration unit for the recycling of filter wash waters and optimizing operating costs

COMPETITION  
OR RELAXATION

### CHLORINE GAS

Complete line of  
chlorine gas for  
optimal disinfection





## PUBLIC SWIMMING POOL OF BILLERE (64)

Indoor pool, outdoor pool,  
outdoor paddling pool,  
playground ...

### ANALYSES & REGULATIONS

Pools equipped with  
controllers of the  
EVASION range







HAVE A GOOD  
TIME

## PUBLIC SWIMMING POOL OF BILLERE (64)

Indoor pool, outdoor pool,  
outdoor paddling pool,  
playground ...

### IN-SITU CHLORINE GENERATOR

First municipal swimming pool  
in New Aquitaine equipped  
with a salt electrolyser for the  
chlorine production on site





ENJOY



## CENTRE AQUATIQUE GRANVILLE (50)

25m sports pool, learning and activity pool,  
spa pool, paddling pool, stream river  
outdoor, bright slide, hammams, sauna ...

## ANALYSES & REGULATIONS

Pools equipped with  
new ALTICE'O controllers







# SPORT & WELL-BEING CENTERS

Reference sites



TAKE  
CARE

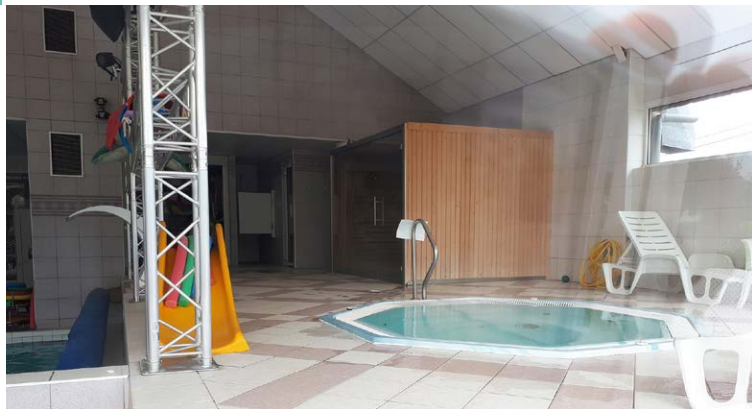


## SPORT CENTER LES BRUYÈRES (64)

Aquatic area: aquabike, aqua gym, aquastretch,  
aquaviva, aquaenergy, sauna, steam room, jacuzzi...

## ANALYSES & REGULATIONS

Pools equipped with  
INDIG'O controllers





A LITTLE  
WELLNESS

## ANALYSES & REGULATIONS

Pools equipped with  
EVASION controllers  
with cell housing without  
waste water



## WELLNESS CENTER CALICEO

Baths, saunas, steam rooms, water aerobics,  
aquabike, aquatraining ...







# HOTELS & CAMPITES

Reference sites



**ELEGANCE  
& RELAXATION**

## BEAUMONT HOTEL\*\*\*\*\* (64)

Indoor heated pool,  
steam room, sauna,  
Jacuzzi ...

## ANALYSES & REGULATIONS

Pools equipped with  
TERE'O controllers





**SENSE OF  
VACATION**

## **BLUE OCEAN CAMPSITE (40)**

Heated outdoor pool,  
water aerobics...

### **ANALYSES & REGULATIONS**

Pools equipped with  
TERE'O controllers

### **CHLORINE GENERATOR**

Chlorine production  
on site by  
salt electrolysis







A BEAUTIFUL  
ISLAND

## CASA E NATURA CAMPSITE (2A)

Heated outdoor pool with 2 integrated spas ...

### ANALYSES & REGULATIONS

Pools equipped with the  
TERE'O range for  
optimal regulation

### CHLORINE GENERATOR

Chlorine production  
on site by  
salt electrolysis





# ZOOLOGICAL PARKS

Reference site



**EYE  
OPENING**

## MARINELAND (o6)

Sea lions, killer whales, dolphins, sea turtles,  
sharks, penguins ...

## ANALYSES & REGULATIONS

Pools equipped with  
EVASION controllers







EYE  
OPENING

## MARINELAND (o6)

Sea lions, killer whales, dolphins, sea turtles,  
sharks, penguins ...





# OUR PRODUCT RANGE

Controllers, probes, dosing ...

# ANALYSES & REGULATIONS

Mono or multi-parameters, multi-basins, connected...



## ALTICE'O

Multi-parameter and multi-basin measurements and controls  
Touch screen - Remote connection - Bluetooth connectivity  
*Temperature, pH, active chlorine, free and total, combined chlorine, redox, free bromine, BCDMH, DBDMH, ozone, chlorine stabilizer (cyanuric acid), turbidity, conductivity, salinity, flow sensor, flow measurement*

**Municipal pools, saltwater pools, water parks, zoos, hydrotherapy, thalassotherapy ...**



## TERE'O Touch

Measurements and regulation of 3 parameters **New**

Touch Screen - Remote Connection

*Temperature measurement*

*Measurement and regulation of pH and chlorine or bromine*

**Public pools, campgrounds, hotels, spas, thalassotherapy ...**



# ANALYSES & REGULATIONS

Mono or multi-parameters, multi-basins, connected...



## INDIG'O

Single parameter measurement and regulation  
*pH or redox or chlorine or temperature or bromine*

**Public pools, campgrounds, hotels, spas, thalassotherapy ...**



## TRACE'O

Mono or bi-measurement measurement and regulation  
Measure of absence of chlorine or ozone  
Remote Connection

*Temperature, pH, active chlorine, free and total, chlorine stabilizer (cyanuric acid), chlorine dioxide, chlorites, bromine (BCDMH, DBD-MH, bromides), ozone, oxygen, APA, H<sub>2</sub>O<sub>2</sub>, single or dual channel conductivity, flow meter metering ....*

**Public pools: control of the destruction of ozone in water before reintroduction into basins**



# PROBES & MEASURING SENSORS

## Amperometric measurements, electrodes ...



- temperature
  - pH
  - redox (ORP)
  - free, active, total chlorine
  - absence of chlorine
  - combined chlorine measurement
  - bromine seawater
  - bromine (BCDMH, DBDMH, bromides)
  - chlorine dioxide
  - chlorites
  - ozone
  - stabilizer (cyanuric acid)
  - dissolved oxygen
  - peracetic acid
  - hydrogen peroxide (active oxygen)
- Inductive or conductive conductivity
- salinity
  - turbidity
  - ...



# MEASUREMENT CELL HOUSING

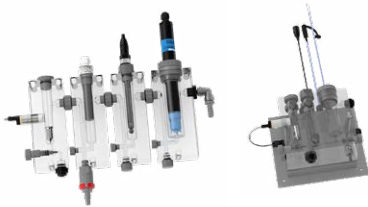
## Chambers of gravity measurements, Plexiglas ...

### Measuring chambers CANALIZATIONS



- Analyzes WITHOUT LOSS OF WATER
- Single or multi-parameter measurements
- 1 to 4 measured parameters
- Water intake at the level of overflow chutes
- Adaptation to PVC, steel, stainless steel or HDPE tubing
- Easy maintenance
- Integrated measurement converter
- Optional flow sensor

### PMMA transparent measurement chambers



- Modular or mono-block measuring chambers
- Adaptation to all types of amperometric sensors
- Connection to either sample taken with rejection at sewer or pressure connection (max : 8 bar)
- Screw-adjusted flow control system micrometric
- Magnetic float for visualization of the circulation fluid
- Material: PVC / EPFM, PVDF / FPM
- Fittings: acetal, PVDF, stainless steel depending on the application

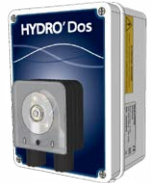


# DOSING & STORAGE

## Dosing pump, storage and chlorine gas...

### Dosing pumps

- Electromagnetic
- With motor
- Peristaltics
- Accessories



### Storage

- Bins
- Retention tanks



### Chlorine gas

Complete line of chlorine gas:

- Pre-regulator
- Inverter
- Flowmeter
- Solenoid valve
- Booster pump
- Hydro-ejector
- Leak detector
- Security



# CONTROL EQUIPMENT

## Measurement of trichloramine in the air, photometers ...

**New**

**Triklorame :** portable measurement of trichloramine in the air



Better protect workers and swimmers

- Faster and accurate measurement of trichloramine
- Direct reading and indication in  $\text{mg}/\text{m}^3$
- No reagents or manipulation to measure
- Complete control autonomy of trichloramine in the air

*Trichloramine: very volatile gas irritating to the respiratory tract, eyes and skin.  
Exposure limit recommended by ANSES:  $0,3 \text{ mg}/\text{m}^3$*

**Photometers:** 3, 6, 9 and 25 parameters



Photometers for regular analysis of water parameters:

- **3 parameters:** chlorine (DPD1), chlorine (DPD3), pH, cyanuric acid (stabilizer)
- **6 parameters:** 3 parameters + alkalinity, hardness of calcium
- **9 parameters:** free and total chlorine, pH, cyanuric acid (stabilizer), bromine, alkalinity, calcium hardness, free and total copper, iron, ozone
- **25 parameters:** 9 parameters + aluminum, ammonia, high concentration chlorine, turbidity, hydrogen peroxide, manganese, nitrate, PHMB, phosphate, salt, sulfate



# IN-SITU CHLORINE GENERATOR

## On-site chlorine production by salt electrolysis



- No delivery or handling of hazardous chemicals
- Standard H<sub>2</sub> sensor
- On-site chlorine generation and production
- Single electrolysis system for different injection points
- Simple and low frequency maintenance
- Skid mounted equipment
- Easy installation, maintenance and operation



### APPLICATIONS

- Public pools
- Aquatic Centers
- Hotels, Campsites
- Any process with injection chlorine





# ULTRAFILTRATION - UFPOOL

## Recycling of filter wash water



Ultrafiltration unit for the recycling of wash water from pool filters:

- Water savings and cost of operation low
- A solution for environmental and economic water treatment
- Ready to operate
- Automatic chlorination of ultra-filtered water between the skid and the clean water storage tank
- Optimum filtration quality and optimized life span membranes
- Works with all filtration media: sand, hydro-anthracite, glass ...



# EXPERT IN ANALYSIS AND REGULATION

for the treatment of water



## **SYCLOPE ELECTRONIQUE**

Rue du Bruscos - 64230 SAUVAGNON - France

Tél.: +33(0)5 59 33 70 36 - Fax : +33(0)5 59 33 70 37

Email : [syclope@syclope.fr](mailto:syclope@syclope.fr) - Web : [www.syclope.fr](http://www.syclope.fr)

