

WASTEWATER

Cyclor®

Activated sludge by sequencing
batch reactor



**Simplify wastewater treatment
in a compact system**

- ⇒ **Compactness**
Greatly reduced footprint and ease of integration
- ⇒ **Performance**
A complete treatment system allowing discharge in sensitive areas

The SBR (Sequencing Batch Reactor) process allows the completion of all treatment phases, successively, within the same tank

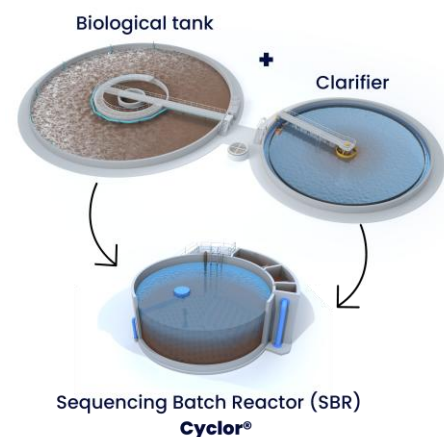
Cyclor® is a compact activated sludge wastewater treatment process designed for discharges in sensitive areas. It effectively treats carbonaceous, nitrogenous, and phosphorus pollution.

**Footprint reduced
up to**

30%

**over conventional activated
sludge treatment**

Compact design and easy to integrate



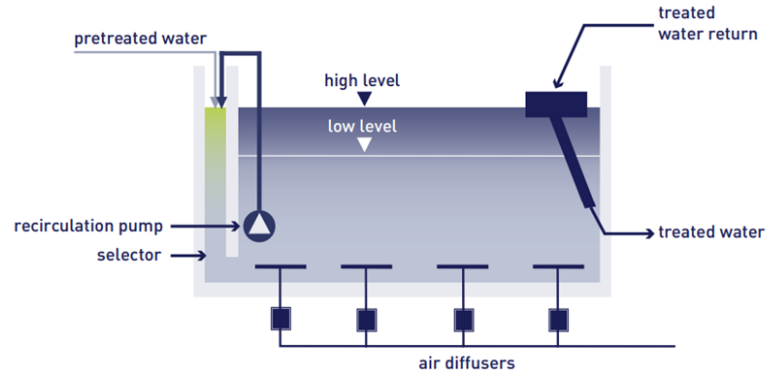
The Cyclor® technology...

The Cyclor® is part of the SBR (Sequencing Batch Reactor) family.

A Cyclor® cell operates in a discontinuous sequential mode. The Cyclor® consists of several cells with variable water levels, where all the phases of filling, aeration, settling, and emptying take place successively in each cell, thus forming a continuous sequential process : the water flow is treated continuously.

The treated water is discharged during the decanting phase using a patented floating decanter.

Depending on the context of each case (raw water characteristics and discharge standards to be met), the number of cells is adjusted (2 to 12).



... what it can do for you

Treatment performance

- Improves the decantability of the sludge and favors the formation of flocs
- A water recovery system guaranteeing the absence of SS leaks or floaters in the treated water



Flexibility and ease of use

- Compact design and easy to integrate
- Modularity assures continuous service for all capacity increases
- Adapts to seasonal load variations
- Simplicity of activated sludge processes
- Reduced maintenance
- Simple and interactive automation



Among our references

Le Havre, France
Capacity: 415,000 PE

Guiyang Baiyun, China
Capacity: 40,000 m³/d

Pithiviers, France
Capacity: 1,200,000 PE

Saint-Marcellin, France
Capacity: 35,000 PE

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