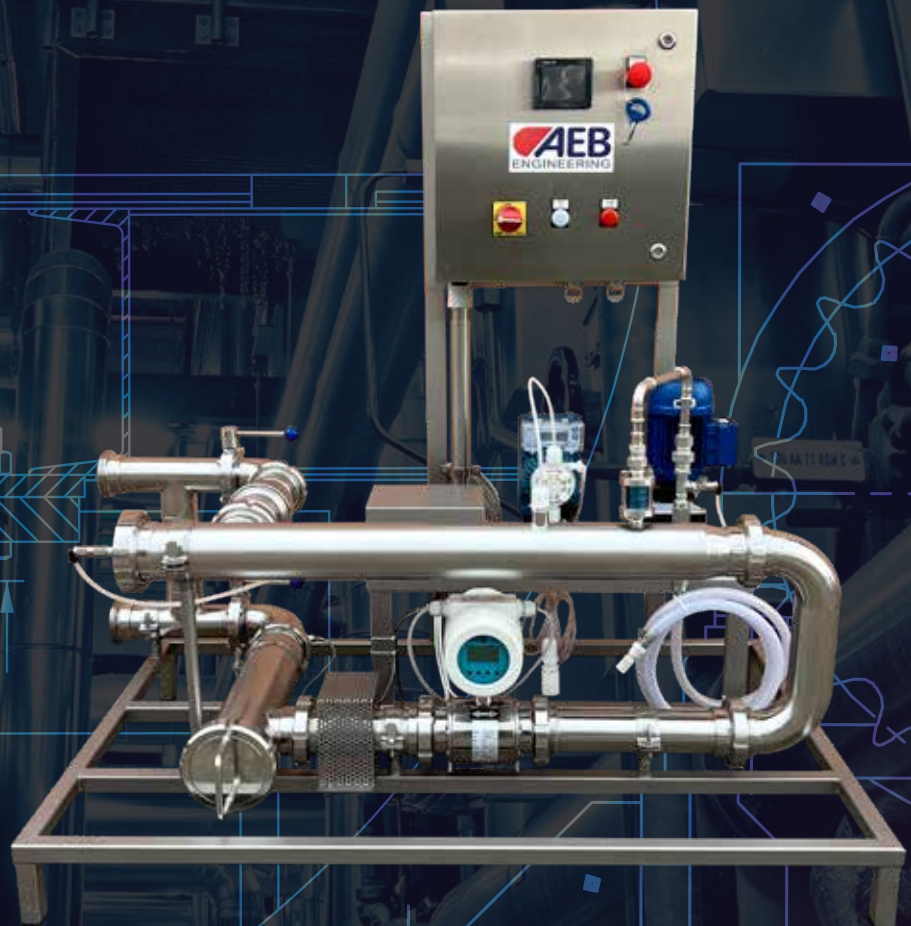


OXISYSTEM

PATENTED SYSTEM FOR ODORS, BOD AND COD
REDUCTION FROM WASTEWATER



BENEFITS

REDUCTION
OF ORGANIC
LOAD

INCREASE IN
BIODEGRADABILITY

DECREASE/
ELIMINATION OF
UNPLEASANT
ODORS

REMOVAL OF
COLOR AND
DEGRADATION
OF DYES

FACILITATES
THE OPERATION
OF BIOLOGICAL
TREATMENT PLANTS

EFFECTIVE
EVEN WITHOUT
A TREATMENT
PLANT

REDUCTION IN
SETTLING TIMES
AND INCREASE
IN COMPACTION

The primary purpose of **OXISYSTEM** is to induce **radical oxidation** to reduce the **COD** (Chemical Oxygen Demand), **BOD** (Biochemical Oxygen Demand), **sulphides, iron and many other compounds**.

OXISYSTEM eliminates bad odors and increases the biodegradability of wastewater. Moreover, the added products that trigger the reaction (water and oxygen) cause no issues.

The equipment has an **extremely small footprint and is easy to install**. It can be sized according to the flow rate of the drains.

OXISYSTEM falls under the AOP (Advanced Oxidation Process) category, which is the latest generation of wastewater treatment technology.

Values in sewage sludge

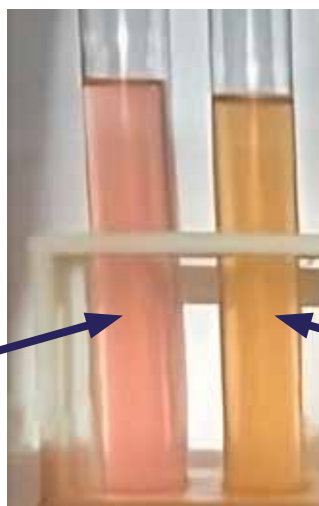
DATA	BEFORE OXISYSTEM	AFTER OXISYSTEM
BOD	500	30
COD	1.200	80
IRON (mg/L)	8,3	0,2

Values in purified waters

DATA	AFTER OXISYSTEM
BOD	20
COD	< 50
IRON (mg/L)	< 0,1

Furthermore, in winery wastewaters, tests show that **sulphites are reduced by more than 90% from 800 to 50 mg/L**.

Before the treatment



After the treatment

OPERATION

The operation of **OXISYSTEM** is classified as AOP, **featuring a continuous, in-line process**. It does not require recirculation and is applicable with both a **treatment plant** and with only collection sumps or **equalization tanks**. The radical oxidation process is extremely fast and is driven by the specific design of the equipment, combined with the proportional injection of reagents, which do not create any post-treatment issues.

MAIN ADVANTAGE OVER SIMILAR EQUIPMENT

Innovative patented technology that is unmatched by other systems on the market.

SUGGESTED PRODUCTS

OXY A



OXY F

