

## TREATMENT STATION

EASYPURE is a compact & stand alone effluent treatment system for volume from **0,1 to 20 m³** per day. EASYPURE works by batches. it's modular design adapts to all types of liquids wether they are released or recycled.

EASYPURE works on applications for the treatment of :

- Mechanical workshop effluent
- Surface treatment workshop effluent
- Swarf dripping recycling



## EASYPURE application examples



### Washing machine rinsing waters treatment

*Objective : costs reduction of the disposal and destruction of effluents*

Constraints	EASYPURE	Résultats
<b>Daily effluent volume</b> 0,5 m³/day	<b>Treatment</b> Coagulation, flocculation and agitation	<b>Quality</b> Improves the process quality through the removal of pollutants
<b>Elimination</b> Daily removal	<b>Filtration</b> Activated carbon	<b>Return on investment</b> Typically in less than a year, by eliminating effluent disposal and destruction costs
<b>Treated liquid composition</b> Rinsing water with diluted detergent, particles, oil	<b>Finish</b> Liquid sent in a closed circle before being released	



### Recycling of a machine tool cutting oil (emulsion) and swarf drippings

*Objective : recycling, lowered disposal costs*

Contraintes	EASYPURE	Résultats
<b>Daily effluent volume</b> 0,5 m³/day	<b>Treatment</b> Oil removal, filtration, UV	<b>Conformity</b> Oil meets the requirement to be re-used in the machine
<b>Elimination</b> Storage and disposal before destruction	<b>Filtration</b> FIL-TECH cartridge, pre-filtration BAG-TECH, microfibres load OIL-TECH, NANOREACTOR	<b>Savings</b> Saving on Oil and destruction costs.
<b>Treated liquid composition</b> Cutting emulsion, particules, oils, greasing oils	<b>Finish</b> Storage tank installed after the EASYPURE to re-use the liquids	

- Quick return on investment
- Cost reduction of effluent disposal
- Automatic or semi-automatic system
- Low floor space



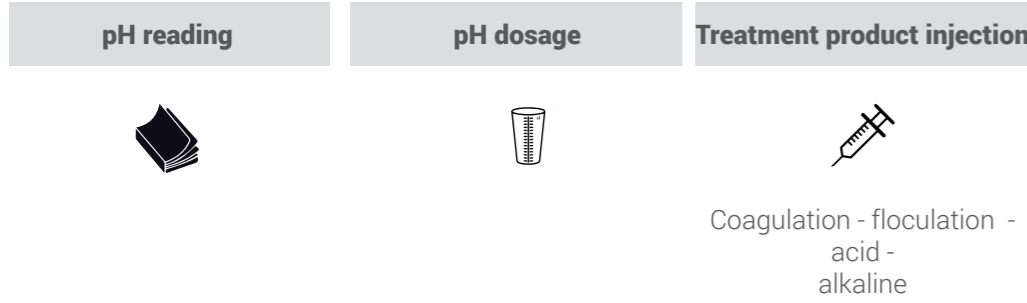
## 1 SETTINGS

Easy-Pure is programmed for the treatment of a precise type of pollutants, depending on your needs. The start of the treatment is done with the control touch screen.



## 2 BATCH TREATMENT

Once the liquide has been put in the tank, a system of dosing pumps starts injecting a specific treatment depending on the application:



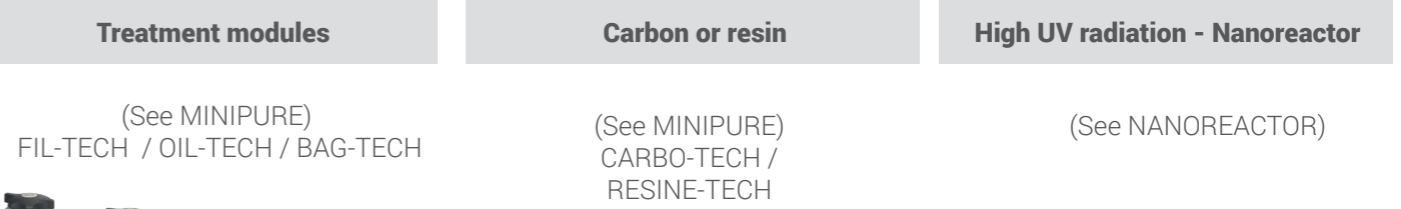
## 3 EASYPURE RECUPERATION MODULES

Pollutants can be recovered through different modules :



## 4 FINAL FILTRATION

In order to complete the pollutant pre-treatment, a MINIPURE is installed in serie, enabling its treatment with :



## 5 OPTION : ADDITIONAL TREATMENT

In order to re-use the treated liquid or to realease it, EASYPURE can be couple with new product injection system of batch treatment systems :

