



 **RECYCLE YOUR COOLANTS (SOLUBLES & EMULSIONS), CHIPS DRIPPINGS AND MACHINE TOOL DRAINING**

 **GREAT REDUCTION OF RETREATMENT COSTS AND COOLANT PURCHASE COSTS**

 **INCREASES THE LIFESPAN OF COOLANTS**

 **REMOVES PARTICLES AND GREASING OILS**

 **CONTROL OVER BACTERIAL GROWTH**

 **REDUCTION OF CARBON FOOTPRINT (LOWERS REMOVAL AND DESTRUCTION COSTS)**


COOLANT TREATMENT STATION

EASYPURE is a **compact & autonomous** device for coolant treatment for volumes up to **20 m³** per days. EASYPURE works with batches of 500L, for a 1 to 2 hours treatment. Its modular design makes it perfect for the treatment of any type of coolant:

- Emulsions,
- Micro-emulsions
- Synthetics
- Chips drippings


Up to
20 mc/day


Batches of
500L


Treatment in
1 to 2h

How the EASYPURE works



1 USED FLUIDS

Chips drippings and used coolants from the draining of CNC's are stored in IBC **1**.

The fluids are then transferred automatically by batches of 500L into the EASYPURE for treatment.

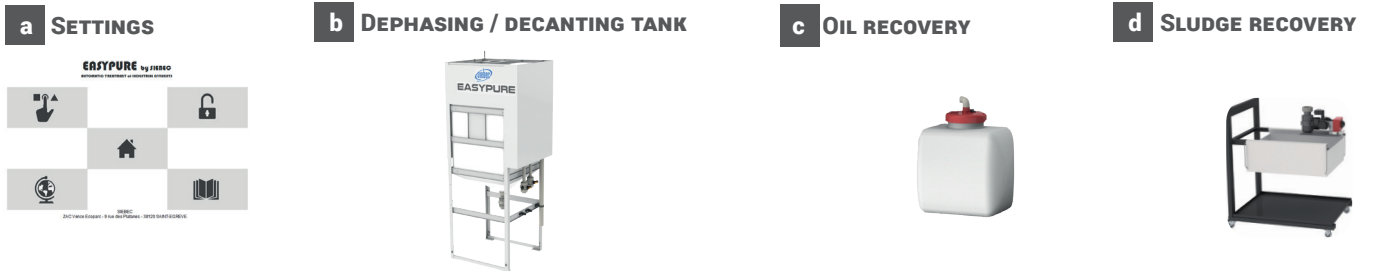
The regenerated fluid is then stored in the IBC **5** where it is continuously treated by the NANOREACTOR.

At this stage the coolant can be used anew.



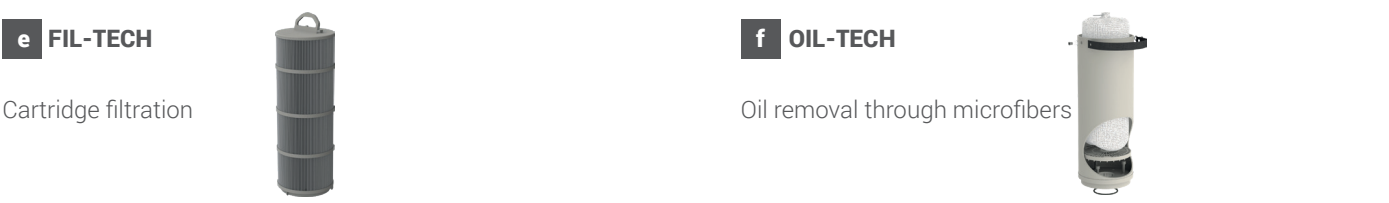
2 PRE-TREATMENT PHASE

The **a.** screen shows the different treatment steps. The polluted liquid is put into the decanting and dephasing tank **b.** Sludges and chips are evacuated through the **d.** module while greasing oils are recovered in the **c.** module.



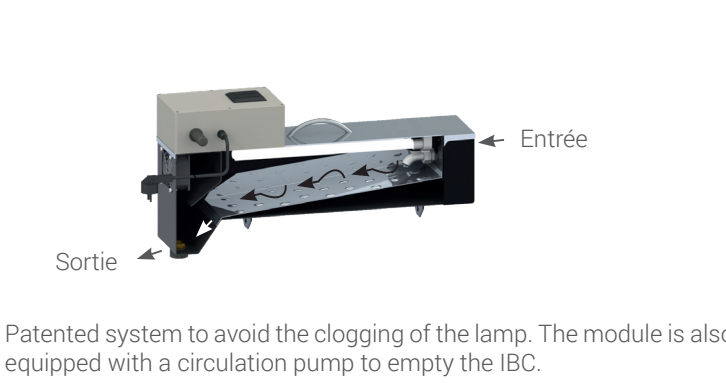
3 FILTRATION / OIL REMOVAL

Once freed from the sludges, chips and free floating oils, the fluid receive a finition treatment to eliminate the last traces of particles and greasing oils.



4 UV TREATMENT (OPTION)

Continuous treatment for fluid disinfection by UV treatment. Optimum bacteriological purity with the flow divider. UV lamp easily cleaned.

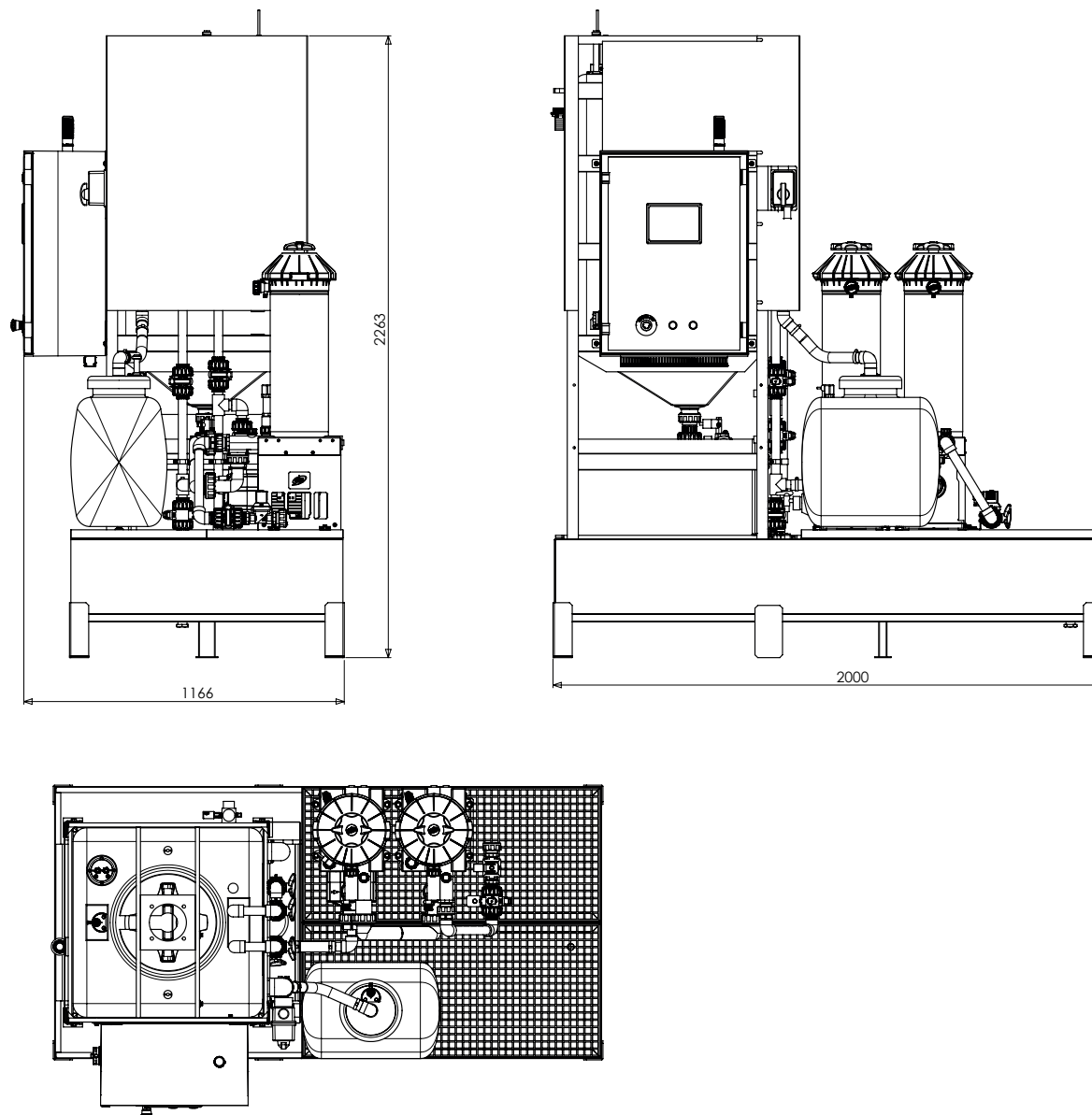


Patented system to avoid the clogging of the lamp. The module is also equipped with a circulation pump to empty the IBC.

6 EASY MIX (OPTION)

The recycled fluid can be mixed with new coolant and perfectly balanced using the dosing staton **EASYMIX** (consult us for more information)

Dimensions



Installation recommendations	Dimensions			Necessary supply
	Height	Width	Length	
Coolant treatment station. Can be linked to a coolant distribution network for direct delivery of new and recycled coolant.	2263	1166	2000	230V singlephase (supply at less than 2m) Compressed air at 5-7 Bar.