EASYMIX

AUTOMATIC REMOTE MONITORING STATION
FOR CUTTING FLUIDS.

Real-time monitoring of the quality of the cutting fluid, accessible in one click !

Features

- Time programmer (start and stop of operation, or synchronization with the start of the plant).
- Alarm settings (concentration, pH, temperature, filter clogging, level detection, refractometer cell clogging detection).

Cloud option

- Transfer of PLC data to a secure cloud server.
- Real-time visualization of parameters on computer or smartphone.
- History storage.
- Sending email in case of anomaly (SMS option).
- Remote maintenance available.
- Data integration on local ERP (option).

EASYMIX™ allows remote monitoring of cutting fluid quality and automatic soluble concentration correction.

The assurance of quality machining

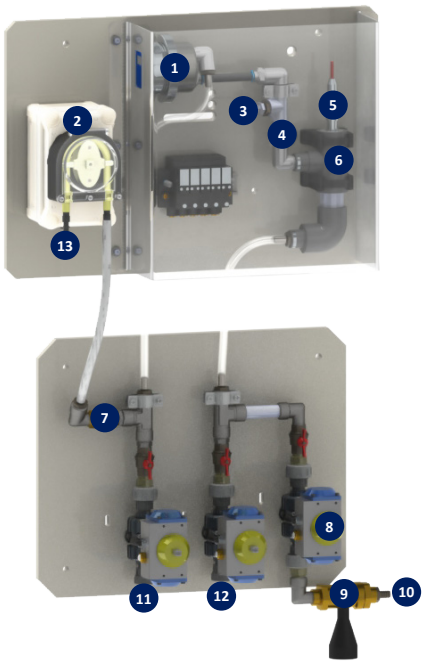
- Optimal soluble concentration.
- Perfect lubrication of the cutting tools.

Minimal maintenance

- Oil quality monitoring via remote cloud interface.
- Automatic soluble concentration correction.

Personal space in the cloud

- No on-site travel required.
- A considerable time saving.
- Data history.



N°	Description
1	4-20 mA refractometer
2	Peristaltic pump for concentrated injection
3	PT100 sensor
4	4-20 mA flowmeter
5	4-20 mA pH sensor
6	pH analysis chamber
7	Check valve
8	Air valve
9	Backflow preventer
10	Water inlet
11	Cutting fluid outlet
12	Cutting fluid inlet
13	Concentrate inlet

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Why EASYMIX?

Regular monitoring of the quality of machining fluids is necessary to ensure optimal cutting conditions and consistent part quality.

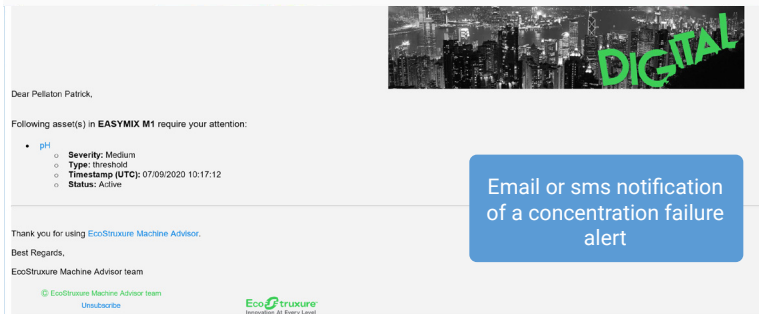
Traditionally, a trained operator is responsible for checking the cutting fluid weekly with a refractometer. When there are several machines on the shop floor, or when the operator manages several shops, this task can be costly and time consuming.

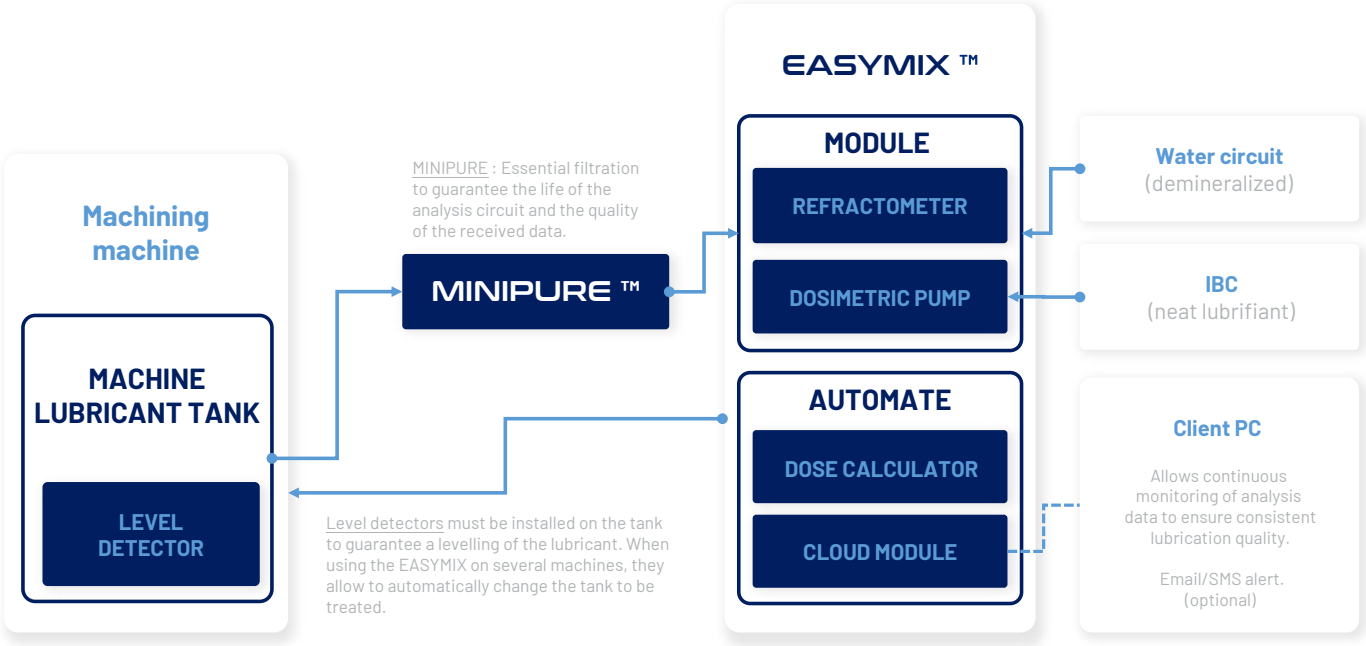
Today, EASYMIX allows continuous monitoring of one or more machines at a time with remote monitoring from a computer or smartphone, where you want, when you want.

If the system detects a concentration defect, it is immediately corrected by adding concentrate or water to obtain an optimal concentration.

To ensure the longevity of the system and the quality of the data received, a MINIPURE™ filtration step is required upstream.

The level detectors installed on the machine tanks allow to guarantee the level of the lubricant and to change automatically the machine to be treated in the case of management of several machines.





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