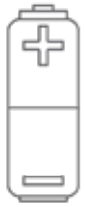


The technology NFC

Tag reading technology is always at your fingertips. The latest tablets and smartphones are equipped with Near Field Communication technology that allows reading the Tag with a simple contact via the ECOSMART CAGE App for Android and IOS.

No Battery Required



The ECOSMART tag doesn't need to replace the battery. The tag is activated by induction in the presence of the mobile device to connect to the platform and lasts over time until the cage itself is disposed of.

The safe guide for your maintenance

The ECOSMART system allows you to perform scheduled maintenance for the type of application on schedule and report them with easy and guided checklists. The system not only manages information relating to the order (EAM) but also provides maintenance activities (CMMS)

Data Analysis



Knowing the status of the inspections performed, quickly tracing the characteristics of the product, the design and the history of maintenance, being able to order spare parts quickly without failing but also tracking the goods. Having the process under control; thanks to ECOSMART it is now possible.

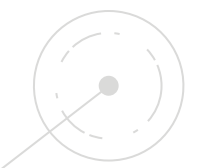


Always connected

Thanks to the autonomous connection capabilities of the mobile devices, it is always possible to send and receive data from the platform in real time or remotely if the signal is absent. The data is in fact stored in the App and sent to the platform as soon as possible.

Customized solution

- ✓ Inventory control
- ✓ Spare parts ordering activities
- ✓ Maintenance plans
- ✓ Safety and use procedures
- ✓ Geolocation
- ✓ Control of guarantees



The system also allows maintenance management of bag filters (if contractually provided for)

Eco Smart

How does it work? : The digital cage is equipped with a beacon that can be read through the NFC technology available on the latest generation of mobile devices. The cage is thus uniquely identified and all the information relating to the product and the order are associated with it, making them available for consultation through a special application capable of communicating with a data platform that collects and transmits information at each tag access.

The three essential elements that make up the ECOSMART system are:

The tag: The ECOSMART TAG is solidly fixed to the cage by means of a rivet, it is equipped with a circuit that can be activated by induction which allows the unambiguous identification of the product. The TAG is resistant to dust and humidity, high temperatures and acids. It is equipped with a progressive code for quick visual identification.

The App: The ECOSMART CAGE APP downloadable from the Android and Apple stores, allows you to open intervention tickets, to consult the data relating to the cage or to the order, to follow the assembly and installation procedures and to report and guide the activities of scheduled inspections.

The platform: The ECOSMART platform constitutes the artificial intelligence of the system. Connected to the company's management system, it allows the sending of maintenance reports to customers and scheduled alerts for periodic maintenance. The data analysis allows to have statistics on failures, durations and costs associated with the use of cages and filter bags.



Different levels of interaction for consultation, installation and maintenance

- 1 Initial delivery and installation procedure
- 2 Opening of inspection tickets
- 3 Execution of scheduled and extraordinary inspections and procedures
- 4 Consultation of available product data
- 5 Scrapping and disposal product procedure





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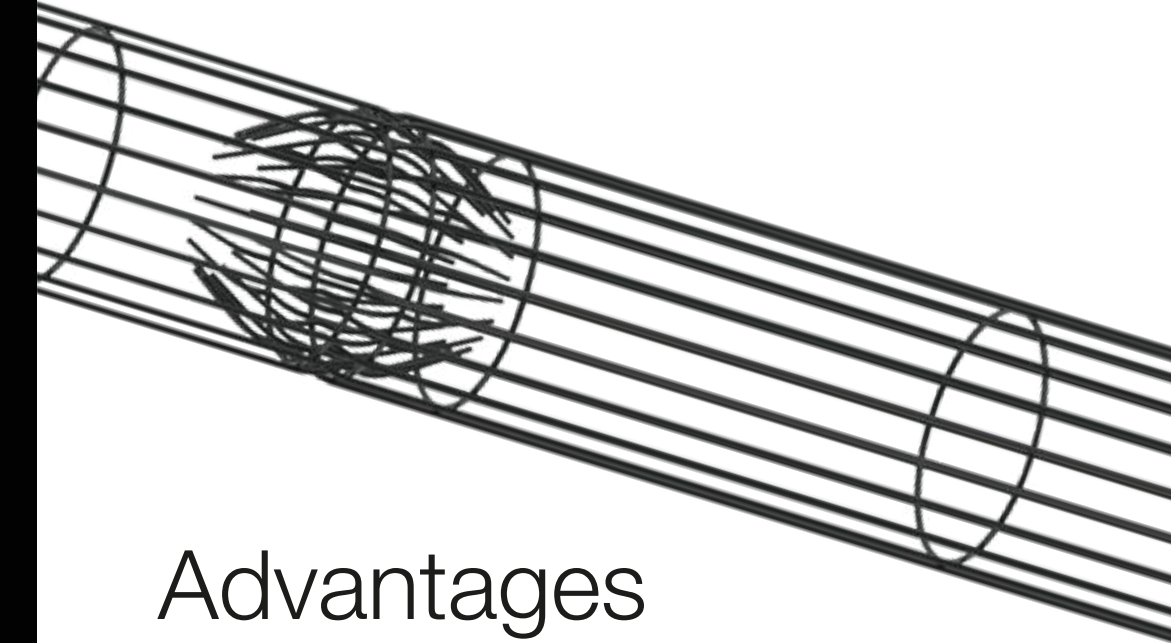
REV: 0 SEPT. 2022



The first digital filter cage

Eco Smart

The first **digital** cage for product management and control



Advantages

Eco Smart is:

- Robust
- Dust and moisture proof *
- Suitable for high temperatures and harsh environments *

* International protection IP68
* Operating temperature 200 °C with a peak at 250 °C