

Claranor at PACKEXPO, Chicago – 14 au 17 October 2018, South Hall – Booth S4381

What's new in packaging sterilization?

Clean packaging sterilization for clean-labelled products:

Infant milk formula, plant based, organic dairy & beverages



For the 4th time, **Claranor and IMS, it's exclusive distributor in the USA**, will attend the Pack Expo trade show. They'll be pleased to welcome visitors on their booth S4381 and show them the full range of innovative pulsed light equipment designed for the infant milk formula, plant-based, organic, dairy and beverages. Cap, cup, foil and powder-milk packaging can benefit of the advantages of industrial sterilization solutions using Pulsed light.

Infant formula milk powder: a new way to reach higher hygienic standards

In the US, the global baby food market is a very competitive industry and retail sales in this segment are projected to grow from 53.31 billion U.S. dollars in 2015 to about 76 billion U.S. dollars by 2021, making it one of the fastest growing food and beverage categories. (sources Statista Baby food market).

Moreover, the market of infant formula milk powder is framed by a very demanding quality system and we can expect that this level of requirement will continue to strengthen to meet international specifications increasingly sharp.

Claranor designs a whole range of equipment dedicated to the packaging sterilization for the infant formula milk powder market. Cans, can-ends, caps with integrated spoon can be instantaneously treated in line by pulsed light.

Milk powder Can sterilization, on preview at the Pack Expo

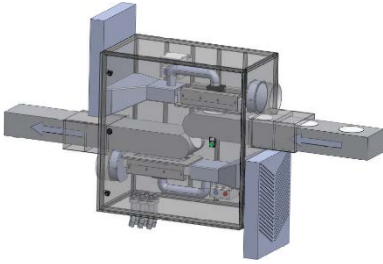


Advantages at a glance:

- 5 log reduction on Cronobacter sakzakii
- Dry sterilization
- No heating around the treatment zone
- Compact equipment, easy to integrate on new or existing line (<1,5m)
- Instant treatment (no pre-heating time), speed up to 300 cans/min
- Low running costs
- Sustainability (low energy consumption, no hazardous waste management)

Claranor Powder milk Can Sterilizer

Can end sterilization



- Integrated around the can end conveyor, the sterilizer decontaminates instantaneously the both sides of the can end, thus, avoiding any contamination during the restacking.

Claranor Powder milk Can end steri

Closure with integrated spoon sterilization

- A partnership with Aptar, on their new closure **Neo by Aptar** will allow to have a full decontamination including the surface under the spoon. All the information on our booth.



Clean sterilization for clean-labelled products

Dairy, non-dairy milk, organic, production without preservative and additives, is now the rule. What if you can sterilize without chemicals?

On the booth visitors will have the opportunity to discover:

A cup sterilizer dedicated to the production of plant-based desserts – configuration 10 lanes to be integrated on a linear line, for an industrial customer in the USA

A cap sterilizer for PET line allowing very high-speed decontamination (up to 1600 bpm) for water, sensitive liquids and beverages.

A Puls'combi HDPE: a bottle neck sterilizer to decontaminate the moil before cutting to avoid cross contamination prior to filling, a Puls'Full Cap sterilizer to decontaminate both sides of the cap dedicated to the most sensitive drinks, ESL> 60 days juice, milk, non-dairy and organic milk.

Suitable for a new line or an existing line, the Claranor Pulsed light in-line solutions are compact and easy to use. **IMS located in the OHIO installs and ensures the service support in the USA since 2015.**

Today, Claranor it's 350 machines running worldwide, 30 in the USA.

For more information:

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Claranor Pulsed light Packaging Sterilization

