



PRESS RELEASE – February 25 2011

**Dairy products manufacturers
come to pulsed light sterilization**

Pulsed light sterilization solutions by Claranor have already shown their ability in the field of beverage manufacture ; they are now being approved in the dairy industry.

With prestigious industrial references such as Nestle Waters, Claranor has settled its pulsed light sterilization technology as an efficient and reliable solution for online packaging sterilization in the beverage sector since 2004.

Pulsed light sterilization needs no water nor any chemical product, and can be easily integrated on new packaging lines, or in retrofit on existing lines.

Those are significant advantages in comparison to existing chemical technologies (using hydrogen peroxyde or peracetic acid), for a similar performance in terms of microbiological reduction : between 3 and 5 log on bacteria and molds, on packaging materials such as closures and cups.

Such a performance enables the technology to comply with the industrial requirements for refrigerated products, now in the dairy sector and for fresh juices.



Pulsed light unit for closure sterilization

First installations in the dairy industry

The first industrial installations, on production lines of fresh milk, drinking yoghurt and dairy desserts, were performed in 2009 in important european dairy industrial groups. Around 10 other equipments were installed in 2010 ; they are now either in function or in final qualification phase.

These applications of pulsed light will be presented during a online **webinar**, on april the 28th (see www.claranor.com for more details).

The development of the technology will be illustrated thanks to an industrial testimony, and the example of partnership with Serac, integrator of Claranor's solutions, and one of the main actors in the field of filling/capping machines.

During **Interpack**, 12-18 may, dairy and beverage industrials will have the opportunity to meet Claranor team to discuss their projects. Several equipment will be demonstrated during the show.

CLARANOR at Interpack 2011 : Hall 12, E 36

About Claranor

Funded in 2004, Claranor is now located in Avignon, south of France, with a team of 20 persons.

Manufacturing of equipment and development of new applications are performed onsite, while the microbiological qualification of industrial applications is carried out by an independant laboratory.

Claranor sells its packaging sterilization solutions worldwide, directly to industrial end-users, through local distributors, and through the partnership with complete line suppliers, integrators of Claranor technology.

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