



**PRESS RELEASE – 11/02/08**

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## **CLARANOR to present its packaging decontamination solutions at INTERPACK**

With several new industrial applications under validation to its credit, CLARANOR, a French company supplying decontamination solutions based on pulsed light, will be present at an international packaging sector event in 2008: the INTERPACK trade fair, which will be held at Düsseldorf (Germany) from April 24 to 30.

Pulsed light is a technology that uses the bactericidal properties of UV waves applied to surfaces in the form of intense flashes ; it is an ideal alternative to the thermal-, chemical- or radiation-based solutions which regulations, performance issues and environmental considerations have turned into one of today's major headaches for businesses in the packaging sector.

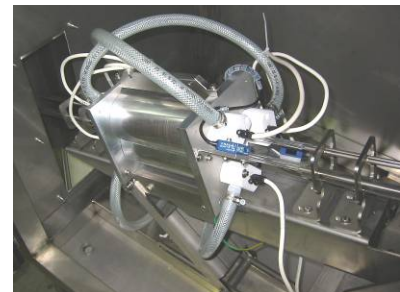
Its efficacy in both direct surface treatment and treatment through water or other UV-transparent materials has made it possible for CLARANOR to industrialise the technology for the treatment of bottle caps, medical devices and water for pharmaceutical uses. Target decontamination levels vary according to the different applications between 3 and 6 log, on bacteria (both vegetative and sporulated) and on mould spores.

Thanks to scientific collaborations set up with recognised laboratories and competence centres (PFT Evreux, ASEPT, Campden Food Research Association, Fraunhofer Institut) and the launching of two PhD programs, the Provence-based firm intends to qualify several other industrial applications during 2008 in the agrifood, pharmaceutical, cosmetic and medical sectors, as well as advancing knowledge of the mechanisms of the technology's microbiological and biochemical action.

CLARANOR S.A., founded in 2004 at Manosque by François Cazalas, today numbers 15 associates who design and adapt pulsed light equipment to the industrial needs of microbiological production safety.

2007 saw CLARANOR voted 2<sup>nd</sup> business of the future in France's Provence-Alpes-Côte d'Azur region under the auspices of the *Prix de l'Entrepreneur de l'année*.

*Close-up of optical cavity of 3-lamp  
treatment unit for sport bottle caps*



**Press Contact : Morgane Busnel, in charge of Marketing – [mbusnel@claranor.com](mailto:mbusnel@claranor.com) -  
Tél. : +33(0)4 90 25 74 05**

**CLARANOR – ZI St Joseph, rue de l'Industrie – 04100 Manosque, FRANCE  
Tél. : +33(0)4 92 82 20 30 – Fax : +33(0)4 92 82 20 35 – [www.claranor.com](http://www.claranor.com)**