

Hot Fill

Cap / sport cap sterilization

The Company - Aujan

Aujan Industries, located in Dammam, Saudi Arabia

- Producer of beverages in Middle East and Africa
- Factories in Dammam, Dubai and Iran
- Products : flavored beverages, carbonated soft drinks, malt beverages
- Annual Turnover : 1 Billion \$
- 2500 employees



Industrial Issue

- Product:** Flavored beverage with high level of sugar
Shelf life: Several months at ambient temperature
Packaging : Corvaglia / Portola cap, 28 mm
Packaging method: Hot filling at 80-85°C
Line: Existing Sidel line, 42,000 bph



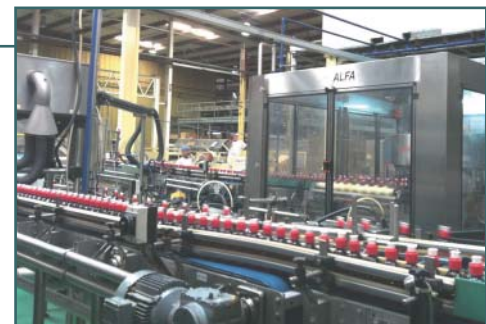
Until 2011, bottles were turned upside down once filled and capped, to decontaminate the cap with the heated liquid.

Aujan wanted to remove this step, and considered the different possibilities.

Pulsed light was chosen against a chemical method because of its compacity, operational cost and process simplification.

Claranor solution

- 2 lamp optical cavity
- 1 flash/cap
- Integrated above the capper, in the capping/filling closed area
- Installed 2011



Customer testimonial

Michel Meunier, Engineering & Project Manager, Aujan Industries

"After full pre-production laboratory tests, we confirmed installation of CLARANOR equipment although our new sport cap is difficult to treat. After 6 months of production, CLARANOR equipment has demonstrated what we were expecting : full bacteriological treatment of our caps, no recorded contamination on product, ease of operation and maintenance, very positive support from CLARANOR including after sales services, low operational cost.

We would recommend CLARANOR products for similar application, but preliminary tests and laboratory results are essential to success of integration of such equipment on either existing lines, or new equipments."