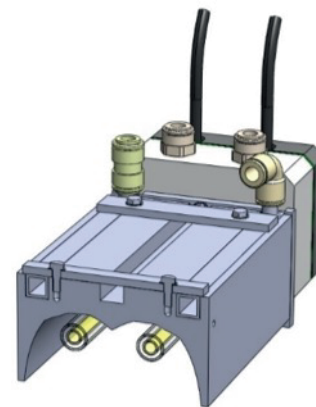
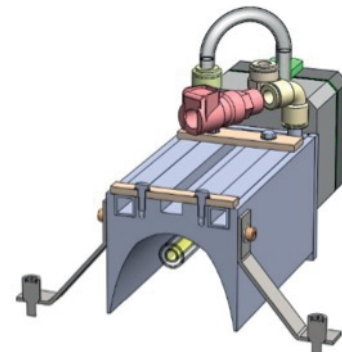




- When flexibility is your priority

# Claranor

Pulsed light sterilization



**Claranor** is a clean and innovative technology for packaging sterilization

Claranor offers cost-efficient and innovative packaging sterilization solutions using pulsed light technology, dedicated to beverage and dairy industries

## Technology

Cleantech method that utilizes short duration pulses of intense, broad-spectrum white light rich in UV-C for the sterilization of packaging surface.

The cells are immediately killed due to a combined effect of:

1. High Power flash (1 megawatt, during 0,3 ms)
2. Broad spectrum of UV

- Intensity : 50.000 x solar intensity on earth
- Very short flash : 300 micro-seconds
- No risk of residues

## Primodan approach

By adding a Claranor Pulsed light system on the Primodan machine you normally obtain a log 3 - 5 reduction on all germs (bacteria, mold, spores) including the most resistant ones, depending on cup design.

For rotating machines, where space is limited, the Claranor system is in many cases the most efficient system for sterilization since there is no space for the more space consuming peroxide spray followed by air drying.