

## INLINE PREFORM OR BOTTLE NECK STERILIZATION

# PREFORM & BOTTLE NECKS

### APPLICATIONS

ESL 30 DAYS  
PREFORM TREATMENT BEFORE OVEN  
AND/OR BOTTLE NECK TREATMENT  
BEFORE FILLING, ALTERNATIVE TO  
CHEMICAL DISINFECTION

### FEATURES

- 1 or 2 flash lamps, water-cooled
- Indexing system for first preforms
- No heating time
- Low energy consumption
- Efficiency on neck >>> UVC on molds



### CLARANOR PULSED LIGHT BENEFIT

- Compact and easy to integrate on a new or existing line
- Dry decontamination
- No chemical disinfectants
- Low energy consumption
- No heating time

### INNOVATION

#### Hygienic design in 2 parts

- Water-tight optical cabinet on the top of the filling line
- Optical shielding around the preform rail with a removal lower part for cleaning

#### to ease:

- Integration on filling line: adjustment to the filling line rails to ensure mechanical continuity
- Maintenance: Replacement of the cavity without affecting the mechanical guidance
- Cleaning: by removing the blue part of the optical shielding

### PERFORMANCE

3 Log-Red on *Aspergillus brasiliensis*  
on neck of preform or bottle



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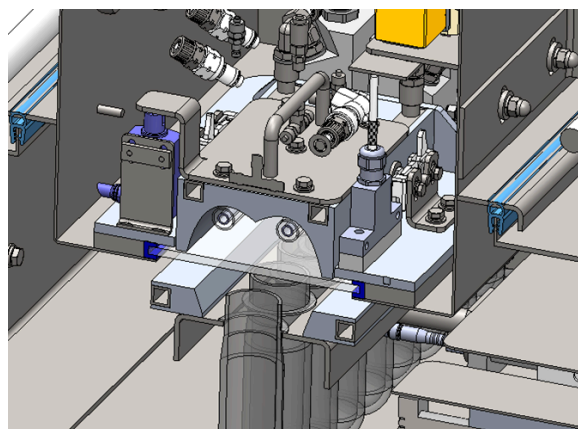
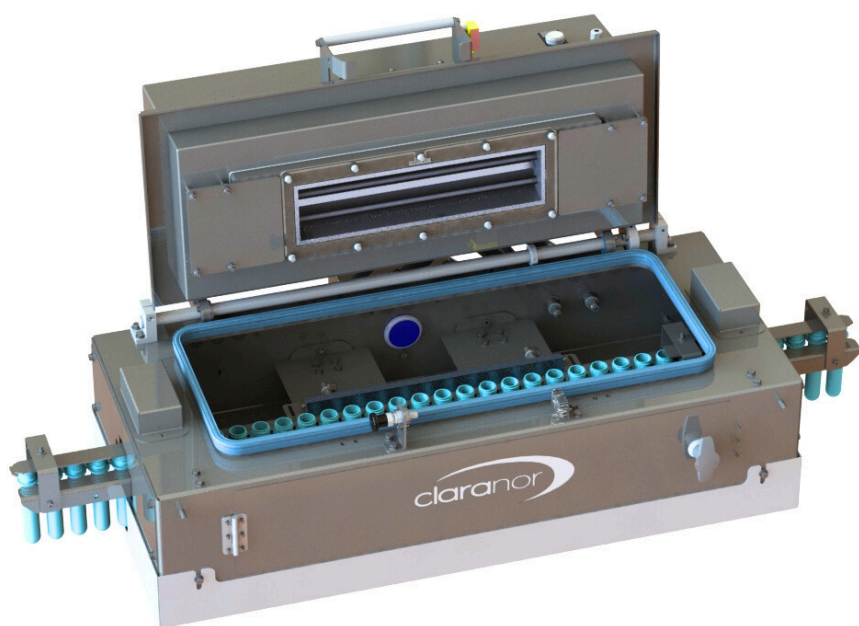
## INLINE PREFORM OR BOTTLE NECK PULSED LIGHT STERILIZATION

### PERFORMANCES

- > 3 Log-Red on *Aspergillus brasiliensis* or *Penicillium rubens* on neck and thread above ring
- Performance inside preform on demand (depends on size and material)
- Factory and site microbial qualification possible.

### PRODUCT RANGE

- Preform up to 5 Gallon format
- Neck diameter up to 50 mm for hispeed
- Combination with cap treatment possible.



Detail of the water cooling system of the optical cavity and the rail

Pulsed Light Preform decontamination - *optical cabinet opened*

### TECHNICAL DATA

Max speed	100 000 bph
Dimensions	950 x 500 x 500 mm
Weight approx.	80 kg