



Pulsed Light Sterilization

INLINE CAN STERILIZATION

INN CAN

MULTI-FORMAT TUNNEL WITH 1 OPTICAL
CAVITY FOR PULSED LIGHT TREATMENT

APPLICATIONS

ADAPTED TO ULTRA-CLEAN LINE
WITHOUT PASTEURIZATION TUNNEL

FORMAT UP TO 560 ML ALU CAN

330 ml - Max Speed : 360/min

500 ml - Max Speed : 240/min

Multi-cavity version possible for higher speed
(on demand)

Format 30 – 200 mm high

FEATURES

- Tunnel with 1 optical cavity 2 lamps
- Hygienic design: tunnel completely washable. COPable IP66
- Indexing function for the treatment of all cans during line start phase
- Rapid format change
- DBQ

CLARANOR PULSED LIGHT BENEFIT

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

ULTRA-CLEAN FILLING OF BEVERAGES

Mix-beer beverages, radler, alcohol free beer,
low carbonated soft drinks ...



PERFORMANCE

3 Log-Red on *Aspergillus brasiliensis*
(Class IV VDMA)



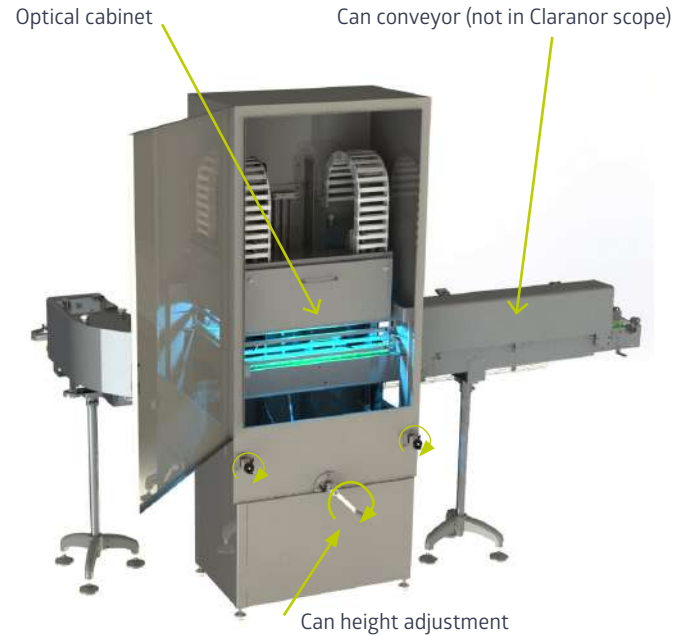
PERFORMANCES

- Class IV VDMA
 - > 3 Log-Red on *Aspergillus brasiliensis* or *Penicillium rubens*
 - Sterilization of surface in contact with product
 - On site qualification possible
- Factory and site microbial qualification possible



PRODUCT RANGE

- 14.400 / h @ 500 ml
- 21.600 / h @ 330 ml
- Combination with lid Sterilization possible up to 360/min



TECHNICAL AND FINANCIAL DATA

- Tunnel size and weight
L x l x H : 1000 x 600 x 2560 mm, 250kg
- Electric bay size and weight
L x l x H : 600 x 700 x 2260 mm / 300 kg

OPEX CALCULATION

- 330 ml cans, 14.400 / h
- Lamp change every 1.400 h
- 170 € / Millions cans