



INLINE, DRY, NON CHEMICAL STERILIZATION

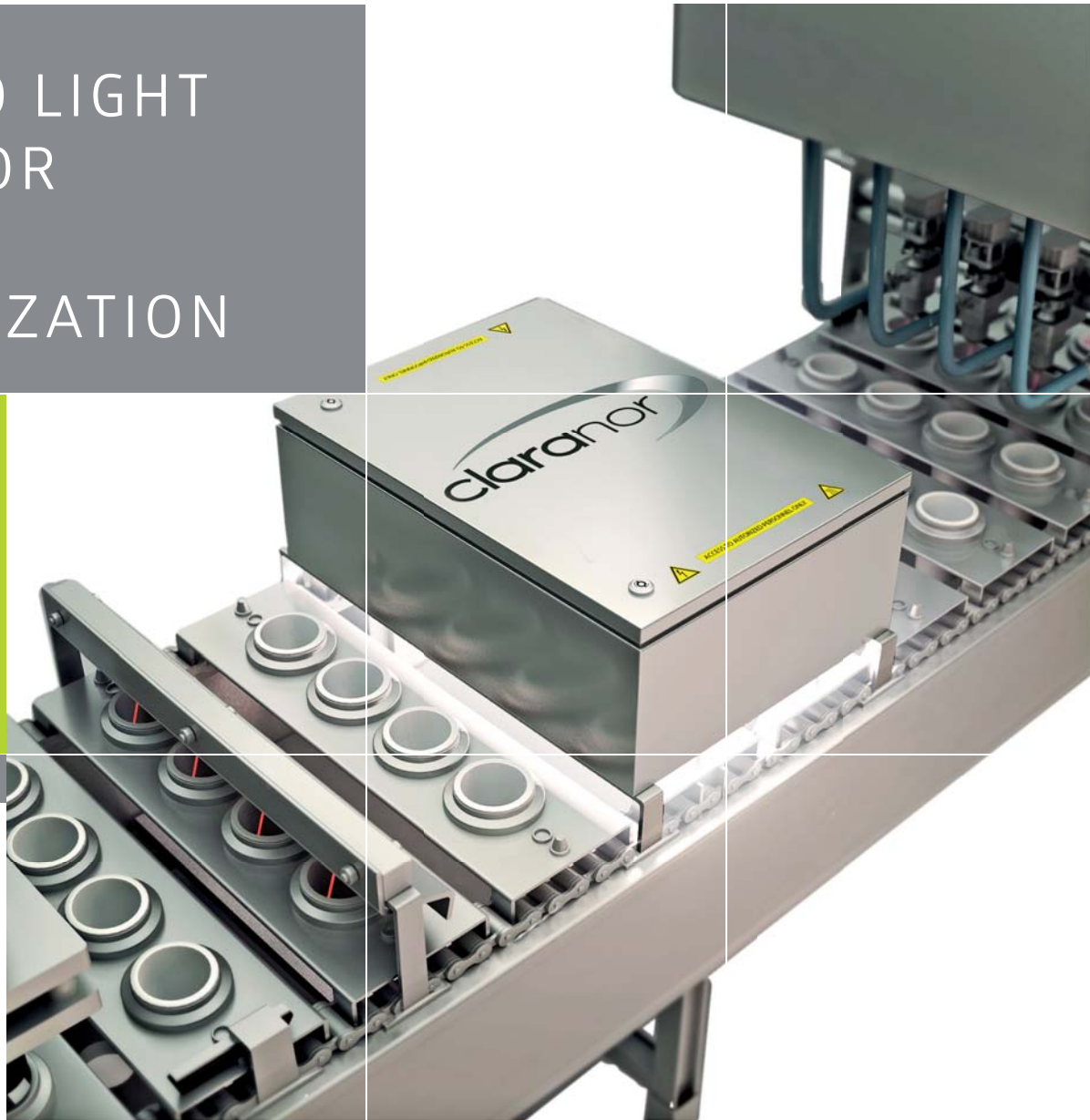
PULSED LIGHT UNIT FOR CUP STERILIZATION

- Compact & easy to integrate on 1 or 2 strokes before filling
- Dry
- No use of chemical disinfectants
- Low energy consumption
- Instant treatment
- No heating or prep time

APPLICATIONS

Preformed cups,
FFS cups, trays,
metal cans, buckets,
all formats,
from 1 to 12 rows

Sensitive products:
dairy desserts,
beverages, sauces,
ready meals...



PERFORMANCE :
3 TO 5 LOG ON BACTERIA AND MOULDS



PERFORMANCES

1 to 3 flashes/cup : 3 to 5 log reduction on *Aspergillus brasiliensis* inoculated in spray.
 Test realized by the Fraunhofer Institute IVV of Munich.

OPTIONS

- Fit for
 - on the fly treatment on pallet conveyor
 - linear treatment on plate conveyor
 - treatment on rotative filling line
- 1 to 3 lamp(s) reflector adapted to cup shape
- Quartz break detection system
- Inline integration by Claranor including light shielding

OPTICAL CABINET

ELECTRONIC BAY

ON THE FLY TREATMENT



LINEAR FILLER



ROTARY FILLER



OFF LINE



TECHNICAL DATA

Cup treated	Ø 75 150 ml	Ø 95 500 ml
Lamps / reflector	1	2
Cups treated / reflector	3	2
Flash(es) needed to reach 4 log reduction	1-2	
Maximal production rate	60 strokes/ min	
Case study : 6 lines single stroke - 30 strokes / minutes - 2 flashes		
Power	1.9 kW	2.8 kW
Lamp replacement frequency	2800 h / 30 M cups	

	Optical cabinet (stainless steel)		Electronic cabinet (stainless steel)	
75 mm Ø cups	6 x 1 cup	6 x 2 cups	6 x 1 cup	6 x 2 cups
Dimensions, LxIxP (mm)	750x300x250	1000x400x250	1600x650x600	2200x650x600
Weight (kg)	25		150	180
Protection index	IP 65		IP 55	