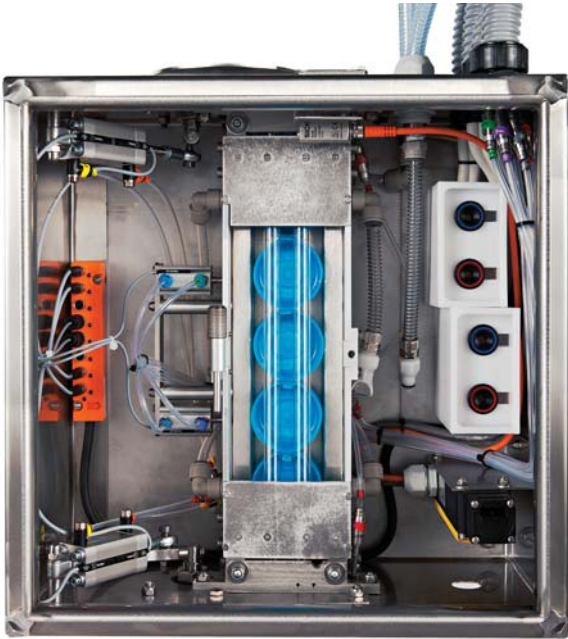


STERILIZATION OF 5 GALLONS CAPS



optical cabinet

Advantages

- Compact & easy to integrate above capping machine
- Dry
- No use of chemical disinfectants
- Low energy consumption
- Instantaneous treatment
- No heating or preparation time

Specificity of 5 gallons cap sterilisator

- Maximum speed line : 7 200 bph
- 3 flashes per cap
- For caps with tabs, quartz rails to guide the tabs within the optical cabinet

Performance

5 gallons cap with injected foam - Challenge test with *Bacillus subtilis* spray inoculated at $3.9 \cdot 10^4$ CFU/closure
After 3 flashes: reduction : 3.8 log ;

5 gallons cap with non injected foam - Challenge test with *Aspergillus niger* spray inoculated at $4.3 \cdot 10^4$ CFU/closure
After 3 flashes: reduction : 4.3 log

Challenge test realized by Fraunhofer Institute for Process Engineering and Packaging, Germany, 2010-2011

Options

- Automatic waterproof shutters
- First and last caps management system
- Quartz break detection system



electronic bay

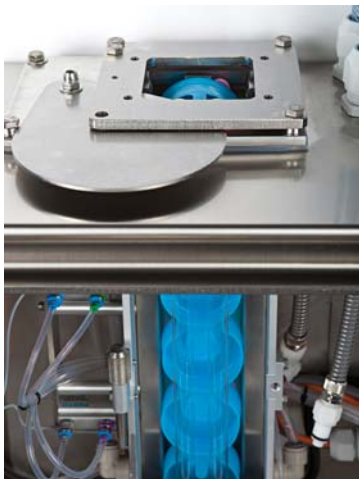


TECHNICAL DATA

Example for a line speed of 2000 bph

Number of lamps / cavity	2
Number of flashes / cap	3
Power	1.33 kW
Yearly lamp consumption	2

	Optical cabinet	Electronic cabinet
Dimensions HxLxP (mm)	400 x 400 x 250	1600 x 600 x 650
Weight (kg)	25 kg	150 kg
Protection index	IP 65	IP 55



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Tél. : +33 (0)4 86 40 84 60
Fax : +33 (0)4 90 83 39 82
Chemin de la Rollande - Agroparc - BP 21531
84916 Avignon cedex 9 - FRANCE