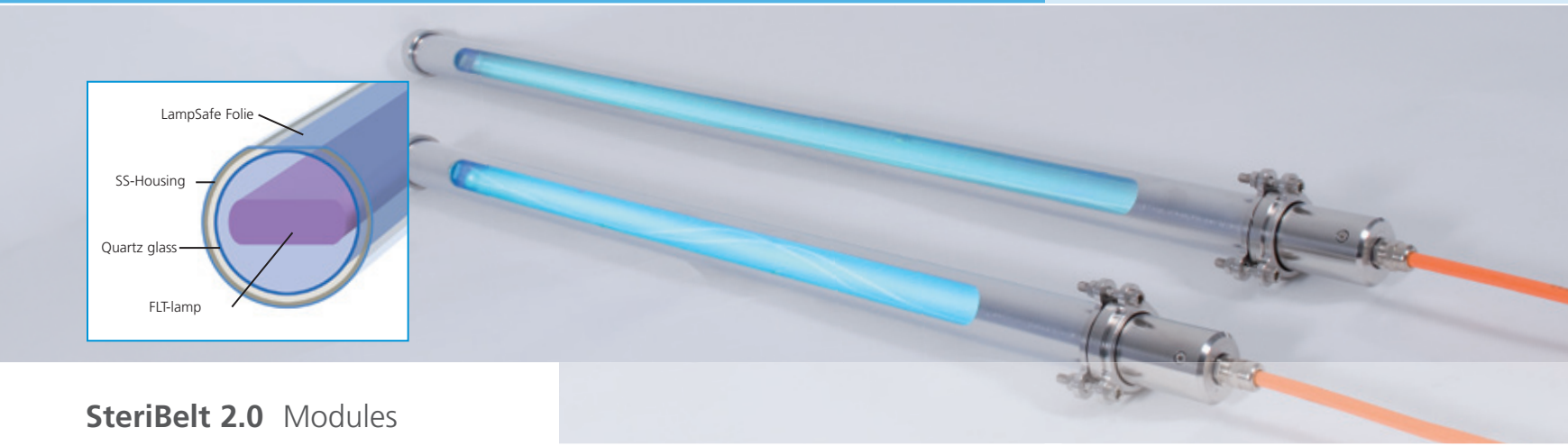


SteriBelt 2.0 Modules



SteriBelt 2.0 Modules

Germ-free conveyor belts and surfaces by using innovative SteriBelt high power disinfection modules.

Prevention of cross-contamination, permanent reduction in total germ count on conveyor belts and increase in cleaning intervals between production shifts. Improvements in quality and maintenance and possible extension of sell-by-dates because of disinfected packaging are only some of the benefits to be realised by using the modules.

The special Indium amalgam lamps used in Steribelt offer four times the UVC power of conventional UVC lamps for the same lamp length. Moreover, because of the unique Flat Lamp technology, more than 50% of the UVC power generated is emirtted directly onto the target surface. Consequently, the SteriBelt lamps are significantly more efficient than round lamps, which emit only around 1/3 of their UVC output directly to the target surface.

Notable product featuress:

- Completely water-tight (IP67)
- LampSafe shatter protection
- Simple, fast lamp change-over, through pre-assembled plug connections
- Robust, compact stainless steel housing, with no external air- or water-cooling, optimised for low ambient temperatures.
- Rotationally symmetrical, hence little deposition of product residuals on the housing surface compared with a flat plate.

Recommended areas of application

- Conveyor belt disinfection e.g. in the meat–processing industries by exploiting additive disinfection
- Sealing caps in drinks filling
- Packaging disinfection in restricted areas.
- Disinfection of industrial ice-making machines

Technical data					
Description	SteriBelt 280	SteriBelt 420	SteriBelt 650	SteriBelt 800	SteriBelt 900
Art. No.	60201	60202	60204	60253	60203
Lamp data					
Irradiance in 20 mm distance	20-25 mW/cm²	20-25 mW/cm²	20-25 mW/cm²	20-25 mW/cm²	20-25 mW/cm²
Nominal lamp power	30 Watt	45 Watt	80 Watt	90 Watt	100 Watt
Lamp description (Art. No.)	GFP 30/28 (60212)	GFP 45/42 (60213)	GFP 80/65 (60218)	GFP 90/80 (60266)	GFP 100/90 (60214)
Lamp type	Indium Amalgam FLT	Indium Amalgam FLT	Indium Amalgam FLT	Indium Amalgam FLT	Indium Amalgam FLT
Typical lamp lifetime	4.000 h*	4.000 h*	4.000 h*	4.000 h*	4.000 h*
Geometrical data					
Window lengh / width	280 mm / 25 mm	420 mm / 25 mm	650 mm / 25 mm	800 mm / 25 mm	900 mm / 25 mm
Total lengh (without cable gland)	578 mm	718 mm	948 mm	1098 mm	1198 mm
Shatter predection / breakage detector	LampSafe	LampSafe	LampSafe	LampSafe	LampSafe
Features					
Protection class	IP67	IP67	IP67	IP67	IP67
Cable length	3 m	3 m	3 m	3 m	3 m
Electrical data					
Power supply (build-in component)	electronic	electronic	electronic	electronic	electronic
Lamp failure alarm	O	O	O	O	O
Voltage / Frequency	230V / 50-60 Hz	230V / 50-60 Hz	230V / 50-60 Hz	230V / 50-60 Hz	230V / 50-60 Hz
Operating information					
Cooling	Convection	Convection	Convection	Convection	Convection
Burn-in time	15-30 min.	15-30 min.	15-30 min.	15-30 min.	15-30 min.

FLT = Flat-Lamp-Technology
O = Yes
- = No
* = Decrease of intensity < 35%







UV-Consulting Peschl®
advanced ultraviolet technology

- Equipment for disinfection of
  - Air
  - Water
  - Surfaces
  - Packaging materials
- Immersion lamps for industrial photochemistry
  - Laboratory
  - R&D
  - Production
- Engineering and consultancy services
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- UV radiation sources
- Power supply units
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- Quartz glass products
- Components
- Special equipment
- Training and workshops

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