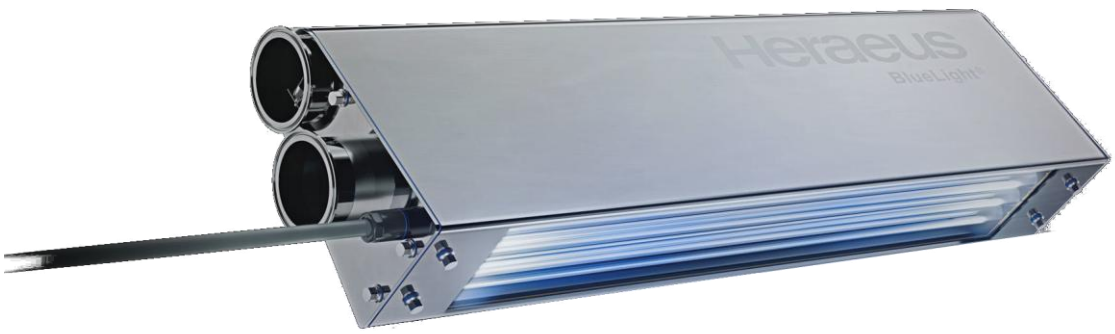
PRODUCT DATA



Hygienic Bluelight ® Modules

Ensure the disinfection of all your containers!

Food packaging requires demanding hygienic conditions to meet appropriate preservation and food safety standards. Ultraviolet technology offers a simple and elegant solution for the disinfection of used packaging materials.

Hygienic modules provide the necessary ultraviolet power for the reliable and safe pre-filling disinfection of food packaging. These modules can achieve log-reductions exceeding 99.9% of microorganisms in less than 2 seconds, while minimizing operational costs compared to alternative technologies.

Hygienic modules are effective against all types of microorganisms, including bacteria, yeasts, and molds. Due to its extraordinary UV power, the system is effective even against Aspergillus brasiliensis, which is known for its high resistance to UV radiation.

The application of these modules in food packaging significantly extends product shelf life.

The Hygienic Bluelight ® system consists of the UV module, which houses the ultraviolet emitters, and the control and cooling module.

Advantages:

- Compact system, easy to integrate into existing production lines.
- Significant energy savings compared to alternative technologies.
- Safe process: IP67 protection rating.
- Reduces service and maintenance costs, given that the operating life of the lamps is 50,000 hours.
- Eco-friendly system (chemical-free process).
- System control via touchscreen interface
- System designed in accordance with EHEDG guidelines.
- Complies with food processing machinery standard DIN EN ISO 1672-2.

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PRODUCT DATA

Technical Characteristics

Description	HYGIENIC SYSTEM 4036	HYGIENIC SYSTEM 4062	HYGIENIC SYSTEM 4087	HYGIENIC SYSTEM 4132
Reference	DS80150930	DS80150931	DS80150970	DS80150971
Technical information of the module				
Irradiance in 20mm distance	150mW/cm^2	150mW/cm^2	150mW/cm^2	150mW/cm^2
Maximum emission	253,7nm	253,7nm	253,7nm	253,7nm
Lamp	NNI 290/36XL	NNI 380/62XL	NNI 570/87XL	NNI 800/132XL
Number of lamps	4	4	4	4
Maximum power-on time	150 s	150 s	150 s	150 s
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
IP protection class	IP 66	IP 66	IP 66	IP 66
Size	552x164x302mm	802x164x302mm	1052x164x302mm	1500x164x302mm
Window UV size	142x367mm	142x617mm	142x867mm	142x1315mm
Weight	14Kg	18Kg	20Kg	26Kg
Technical data of the control module				
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Nominal Electrical Power	1300W	1300W	2400W	2400W
Voltage/Frecuency	310-460V/50-60Hz	310-460V/50-60Hz	310-460V/50-60Hz	310-460V/50-60Hz
IP protection class	IP55	IP55	IP55	IP55
Size	600x600x300mm	600x600x300mm	600x600x300mm	600x600x300mm
Weight	35Kg	35Kg	35Kg	35Kg
Other				
Overtemperature failure signal	✓	✓	✓	✓
Quartz breakage detector	24V DC signal	24V DC signal	24V DC signal	24V DC signal
Service temperature	Min. 5ºC/ max. 40ºC	Min. 5ºC/ max. 40ºC	Min. 5ºC/ max. 40ºC	Min. 5ºC/ max. 40ºC
Storage temperature	Min.-10ºC/ max. 60ºC	Min.-10ºC/ max. 60ºC	Min.-10ºC/ max. 60ºC	Min.-10ºC/ max. 60ºC
Relative ambient humidity	25-80%	25-80%	25-80%	25-80%

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