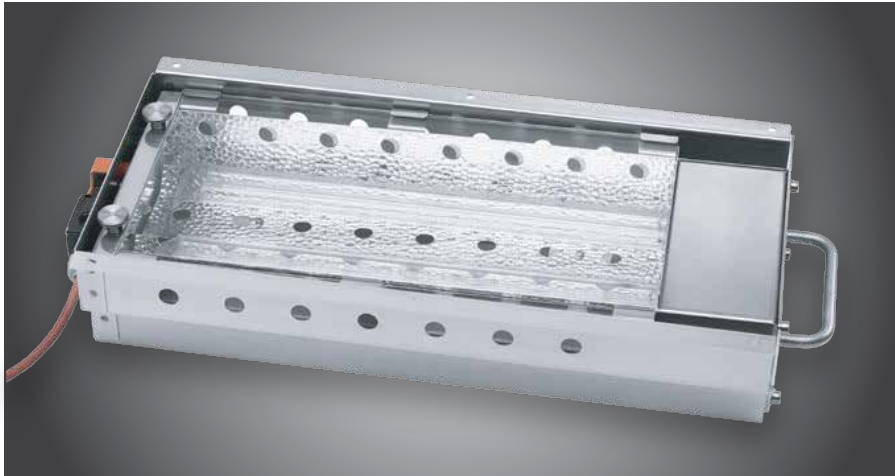


## UVT Surface Disinfection Cassette



Special low-pressure UV-C emitters serve to generate the short-wave UV-C light, which provides a high level of radiant efficiency. This physical process achieves optimum disinfection without using chemicals.

The positioning of the UV-C cassette in each case is determined depending on the local environment. Thanks to the breakage detector, the cassettes can be safely operated on any production line. A mounting frame enables simple installation of the UV-C cassettes under the conveyor belts. However, the compact design also enables the cassettes to be fitted in packaging, filling and sealing machines.

UV Technology Limited also produce a range of bespoke surface decontamination cassettes that can be configured to accommodate various parameters including conveyor belt width, conveyor speed, target micro-organisms and relevant environmental conditions. Please call to discuss your specific requirements.

The UVT Surface Disinfection Cassette has been specially developed for the food industry.

The contamination of equipment such as conveyor belts and cutting belts with micro-organisms during the work process is often unavoidable. When they come into contact with food these micro-organisms often reduce the shelf life of the products, or they can even represent a health risk

Surface disinfection by means of intensive UV-C light greatly reduces the risk and actively contributes to ensuring good hygiene.

UV-C light at a wavelength of 253.7 nm is used to reduce the number of germs. This wavelength has a lethal effect on microorganisms, such as bacteria, moulds and yeasts. The system can achieve a disinfection rate of up to 99.9 %, depending on the dose delivered.

Technical description	UVT Surface Disinfection Cassette	
Product no.	892260-1 Cover plate with breakage detector	892260-2 Cover plate without breakage detector
Cassette size (mm)	Length x Width x Height 530 x 150 x 111	
Window size (mm)	Length x Width 365 x 107	
Supply unit	Length x Width x Height 300 x 200 x 120	
Supply voltage	230 V ~ 50 Hz	
Power consumption	140 W	
UV-C emitters	2 x 60 Watt	
UV-C output	40 W	
UV-C emitter product no.	366003	
Emitter service life	4,000 h	
UV dose min	400 J/m <sup>2</sup>	
Safety class	I	
Protection class	IP 55	
Material	Stainless steel, 1,430	
Cassette mounting	Mounted in an insert frame	
Cassette weight	7.5 kg	

### Delivery scope:

- UVT Surface Disinfection Cassette
- Mounting frame
- Supply unit