



UVATEC

Surface disinfection through UVC irradiation – a reliable and environmentally compatible alternative to chemical methods

The UV disinfection module UVATEC has a CAD-optimised reflector geometry and guarantees the highest irradiance possible, which ensures very good inactivation rates even for highly resistant micro-organisms. The irradiation times required do not exceed 0.5 seconds. Thanks to their compact and slender design as well as to their high UV yield, UVATEC modules can be adapted to very different specifications.

System control

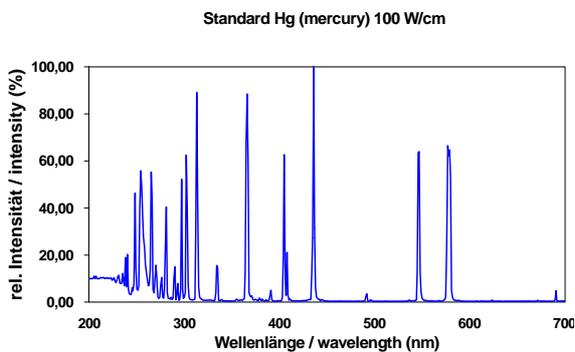
- lamp output levels can be varied in 3 steps or controlled continuously from 30% to 100%, PLC optional
- half power stand-by operation if shutters are closed
- individual interface to the production machine
- switch cabinet in stainless steel

Highlights

- **fast and efficient disinfection**
- **shutter system**
- **adjustable lamp power output**
- **housing in stainless steel**



**UVATEC
used for the disinfection of screw caps in the beverage
industry**



**UVATEC
standard spectrum**



Lamp unit

- splash proof housing made of stainless steel corresponding to the IP65 standards (optional: IP67)
- integrated, pneumatically operated shutter system - controlled by the operation of the filling machine
- high-performance UV lamp with low ozone output in arc lengths from 100 to 1750 mm manufactured in our own lamp production company
- specific lamp power output up to 236 W/cm
- CAD-optimised reflector geometry
- dichroic reflector sheets for heat reduction (optional)
- air-cooling; water-cooled reflector system is available optionally
- easy maintenance because of lateral lamp insert
- optional quartz glass filter equipped with a breakage detector

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Operating parameters depend on production characteristics and may differ from the foregoing information. We reserve the right to modify technical data.



Certified
ISO 9001