honle group

honle uv technology

UVATEC

UV high-performance disinfection module

System-Features

- housing in stainless steel P65
- shutter system

Advantages

- fast and efficient disinfection
- adjustable lamp power output

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.

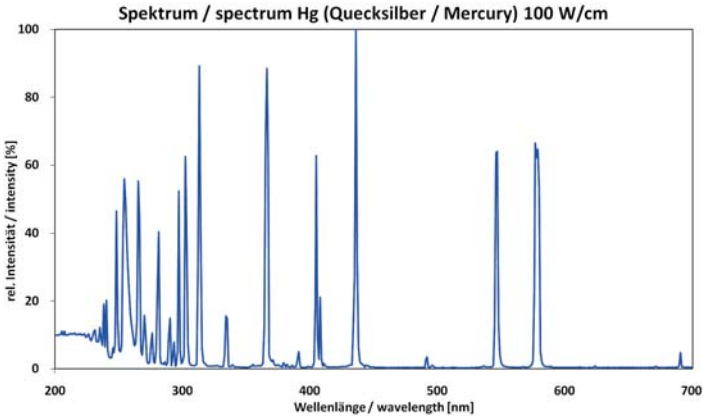
System control

- 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

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

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



UVATEC standard spectrum

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