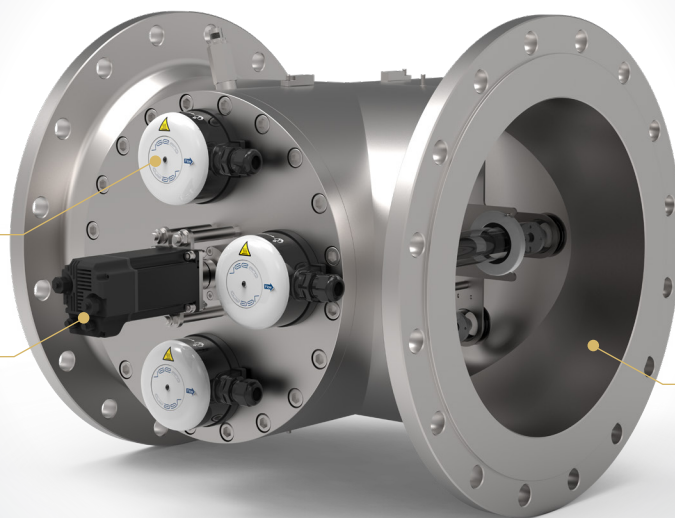




Single-end Bayonet Technology (S.B.T.)

Automatic Wiper

SS 316L
Treatment Chamber



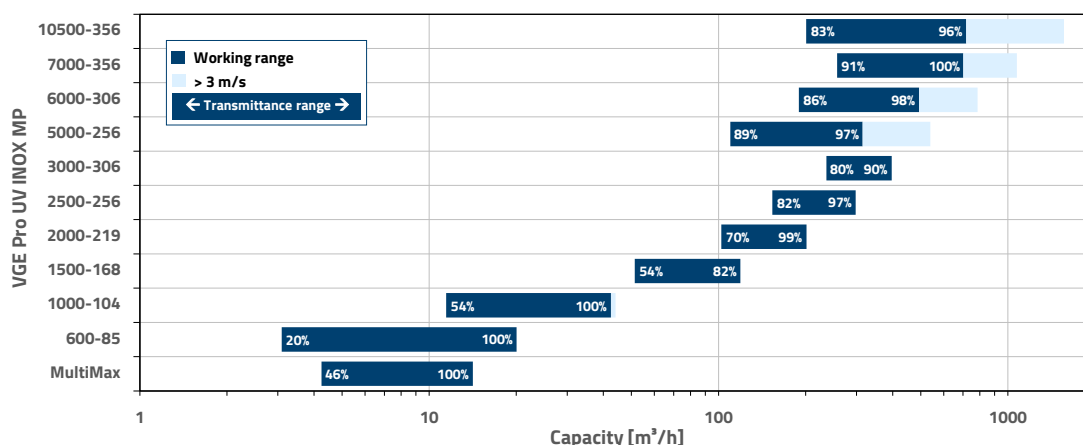
INOX MEDIUM PRESSURE UV DISINFECTION

Advantages of medium pressure UV lamps

VGE Pro's product range includes systems based on both low pressure and medium pressure UV lamps. Medium pressure UV lamps emit a broad spectrum of ultraviolet (UV) light, providing excellent disinfection results and being well-suited for photolysis applications, such as reducing chloramine in pool applications. The single-ended lamp, combined with the Single-end Bayonet Technology (S.B.T.) and the visual lamp indicator on the chamber, makes VGE Pro UV systems extremely user-friendly. For optimal results, optional mechanical cleaning is available to address against fouling of quartz sleeve(s) and UV sensors.

Features

- Cross-flow stainless steel (SS 316L) treatment chamber design with low pressure loss
- Easy-to-install single-ended lamp
- Flange range from DN80 to DN350
- Medium pressure UV lamps ranging from 400 W to 3500 W
- Compact design for high water flow rates
- Visual lamp indicator in the lamp head
- Electronic lamp power supply
- Internal treatment chamber with an RA 0.8 µm finish



HMI with colour
touchscreen interface

Lockable
Main/Safety switch

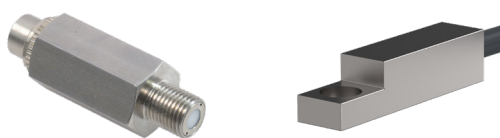
Comfort control panel

UV LAMP SYSTEM CONTROL

Comfort control panel

The Comfort control panel includes basic safety functionality and allows optional UV intensity sensors and/or Pt100 treatment chamber temperature sensors to be connected. These sensors enable UV intensity and treatment chamber temperature monitoring, with action taken if predefined threshold values are exceeded.

Optional



- Digital UV intensity sensor, absolutely calibrated
- Bolt-on dry chamber temperature sensor
- Manual cleaning mechanism for quartz tube and UV sensor

Benefits

- Compact design, easy to integrate into existing installations
- Simple and quick lamp installation without tools
- Minimal pressure loss due to the cross-flow treatment chamber design
- Long lamp lifespan
- Reduced service space requirement due to single-ended lamp

Questions?

Please get in touch with us for a perfect UV treatment solution, and one of our specialists will advise you on the best solution for your application.