



UVC-low pressure lamps

Features

- high performance lamps
- arc lengths from 10 mm - 2,600 mm
- power output up to 500 W

Advantages

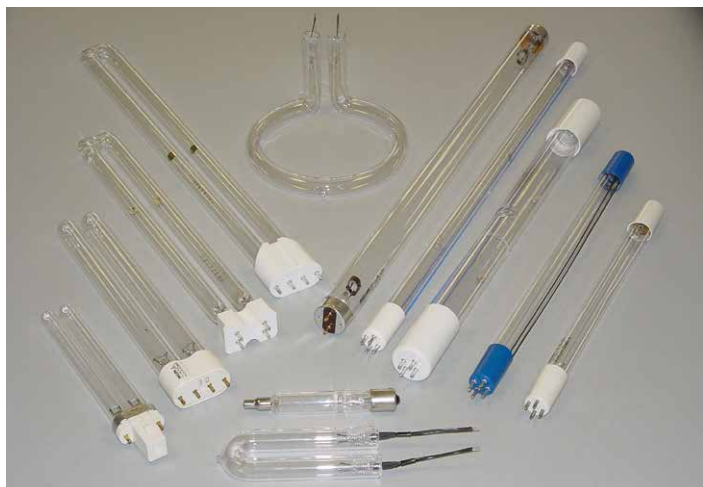
- long lamp life-time
- custom-made specification
- Long-Life-Coating

UVC-low pressure lamps

UVC-low pressure lamps mainly emit UV-radiation in the range of 254 and 185 nm. By using different kinds of quartz glass, the 185 nm line can be blocked or allowed to pass through. In this way, ozone free or ozone producing lamps can be manufactured according to the customer's needs. We classify our low pressure lamps as follows: **UVN** (standard LP- or High-Output lamps) and **UVI/UVX** (amalgam lamps).

Low pressure lamps can be made in almost every shape. Very popular is the U-shape, making extremely compact installations possible. All lamps are made for applications in air and water.

In addition to the lamps from our own production, we sell the product range of our trading partner **Philips**. Among them are UVA-lamps for technical applications. Upon request, we modify Philips lamps with special sockets - of course without any loss of warranty!



Selection out of our product range

Technology

Thanks to the latest manufacturing technologies, our low pressure UVC-lamps offer an excellent power output with a life-time of about 8,000 hours. By using a special interior

coating, the life-time can be elongated **up to 12,000 working hours**.

Linear lamps are produced in standard lengths of up to 2 m and U-shaped lamps up to 1.5 m. Other shapes and lengths are possible - on demand.



Linear amalgam lamp



U-shaped amalgam lamp

Our UVC-lamps are available at power levels of between **4 W and 500 W**. Upon customer's request, we will gladly provide you with the appropriate associated components like electronic power supplies, UV-sensors and submersion systems.

Spare lamps

As experienced lamp specialist, we are also able to build **replacement lamps** of well known manufacturers. Such spare lamps are absolutely equal where power and life-time are concerned, only the price is lower. By comparative measurements in our own laboratory, we grant to offer a **constant quality for highest demands**.

