

ProLine

Berson UV-techniek
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Since 1975, Berson UV-techniek has designed and manufactured tens of thousands of UV systems.

Development, engineering, sales and service are all carried out from the company's Headquarters in Nuenen, The Netherlands.

As part of the international Halma Group, Berson is:

- a leading innovator
- at the forefront of UV
- financially strong

Berson UV is a specialist in the following UV applications:

- drinking water
- waste water
- Process water
- Swimming pool & spa water
- TOC reduction

Berson UV supplies:

- low pressure lamps
- medium pressure lamps
- bersonMultiwave® lamps

The brand berson stands for:

- innovation
- quality
- cost efficiency
- reliability
- ease of use
- excellent service

UV is gaining acceptance for inactivating microorganisms which are particularly sensitive to UV radiation around 265 nm.

bersonMultiwave® - the culmination of 30 years experience in medium pressure UV lamp technology

Berson, masters in UV



Conventional UV units with low-pressure UV lamps

ProLine UV units use monochromatic (254 nm) conventional low-pressure (LP) UV lamps.

A higher chance of microbiological recovery from LP UV damage has been shown in certain pathogenic microorganisms such as E. coli O 157:H7 (zimmer, 2003)

The base of all ProLine UV units is a high quality stainless steel irradiation chamber, which can be electrolythical polished for specific applications.

Depending on the application, high quality quartz sleeves with different wavelength transmittance are used.

In addition to disinfection, ProLine UV units can be used for ozone destruction, TOC-reduction and dechlorination.

Depending on local site requirements, ProLine UV units can be equipped with any kind of connection, including tri-clamps, DIN or ANSI flanges, in addition, inlet and outlet positions can be custom build.

Manual or automatic wiping mechanisms prevent fouling of the protective quartzsleeves.

If low-pressure lamps are required, use ProLine UV units.

high quality for specific applications

 **bers on**
masters in uv