



## TQ-Systems

### System-Features

- Application specific spectra
- Arc lengths between 30 - 97 mm
- Power up to 700 W

### Advantages

- Long lamp life-time
- Custom-made specifications available

Our TQ lamp systems are UV solutions, which have been specially developed for **photochemical processes**.

## Technology

TQ-Systems are used, for example, in photoreactors for basic research in laboratory scale.



TQ-Systems for Vitamin-D-synthesis

By using **application-specific spectra** and different power levels, the UV lamps are used in numerous chemical processes, for example in synthesis, analysis and waste water treatment.

The use of high-quality materials guarantees a **long-lasting stability and reproducibility of the process steps**.

On request, we produce our TQ-lamps from a special quartz glass, which filters out short-wave UVC radiation and reduces, or completely prevents the formation of undesirable by-products.

Our TQ-lamps are installed in specially designed protective sleeves. These can be provided with appropriate standard ground joint if required.

We also supply the appropriate ballasts for the operation of our TQ-lamps.



TQ150 in protective sleeve

## Up-Scaling for industrial use

The requirements obtained in the laboratory scale, and radiation-physical parameters are **later adaptable for industrial plants**.

For this purpose we produce the appropriate **medium-pressure lamps with an arc length of up to 3,000 mm and 60 kW power**.

We offer suitable electronic ballasts for this purpose as well. We would be happy to advise you.

## Waste disposal

You can simply return used UV lamps to us in transport-safe packaging. We ensure the appropriate waste disposal.

hönle group		Disinfection	Drying	Curing	Control	Measuring
						
eleco panacol-efd eltosch grafix gepa coating hönle luminez panacol printconcept raesch sterilsystems technigraf umex uv-technik speziallampen						