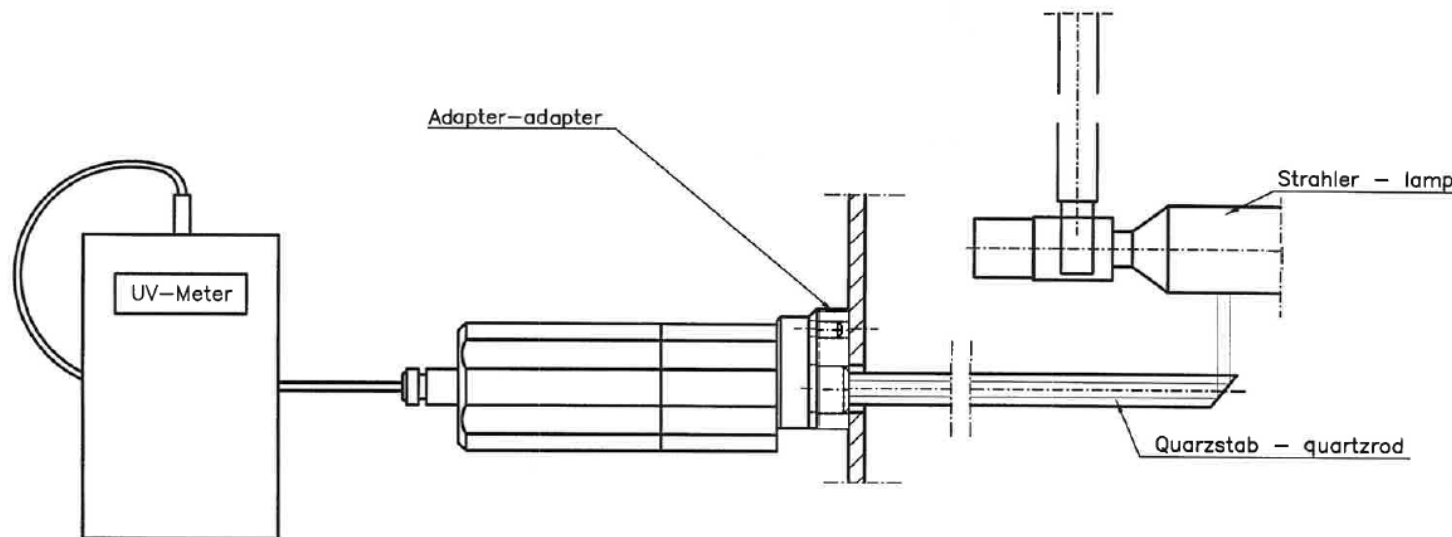


### Measurement of UV intensity and dosage

- Process reliability: Constant control of UV-intensity ensures a consistent quality of UV disinfection
- Measurement in different wavelength areas through exchangeable sensors and automatic sensor recognition

Measurement principle UV-Meter with quartz rod sensor:



Please pay attention to the following items for reliable measuring results

- Adjustment of the UV sensor and the UV radiation source  
→ Spectral sensitivity of the UV sensor should correspond to emission of the UV lamp
- Usage of identical UV measuring device  
→ For comparative and continuing measurements the usage of identical UV measuring device is necessary
- Correct position of the UV sensor  
→ For comparative UV measurement the position and the adjustment of the UV sensor to the UV lamp should be always identical
- Aging of the UV sensor  
→ The UV sensor is temperature-sensitive and wear out gradually. A calibration is required time and time again.
- Pollution of the UV unit and respectively the UV sensor should be avoided