

# Application report light

## Ozone in Ultrapure Water

### **SIGRIST product**

- ColorPlus 2 O3 Water

### **Industry**

- Pharmaceutical/chemical industry, cosmetics industry, semiconductor industry

### **Typical application**

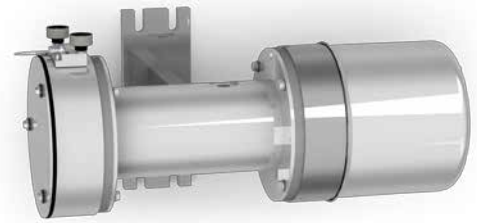
- The ozone content is measured in ultrapure water.
- The measuring point is subsequent to the reaction of the water with ozone or subsequent to UV irradiation.
- The ozone content in ultrapure water is measured for quality or process control.
- Measurement at 254 nm (absorption)
- Flow cell 100 or 125 mm, bypass – or Varivent®
- Measuring range 0–1 ppm

### **Use**

- Ultrapure water is mainly used for the production of drugs, in medical research, for injection liquids and in the production of photovoltaic cells and computer chips.

### **Additional information**

Ozone is one of the strongest technically usable oxidants and disinfectants. It is an environmentally friendly medium. Ozone acts as disinfectant and destroys the cell walls of microorganisms.



***ColorPlus 2 O3 Water***



[photometer.com/8243](http://photometer.com/8243)