



# HighOx™

## Reducing VOC emissions with HighOx™ For all types of VOC (volatile organic compounds)

Exhaust air purification process for the removal of high VOC loads using UV light (photo-oxidation).

Our HighOx™ systems remove VOCs (volatile organic compounds) from industrial exhaust air. Even very high pollutant concentrations do not pose a problem due to our step-by-step adapted solutions.

Our systems have proven themselves for years in a wide variety of industrial production processes and ensure clean exhaust air, e.g. in:

- Paint and varnish production
- Pharmaceutical industry
- Chemical industry
- Automotive industry
- Waste/recycling

BAT  
GUIDELINES  
KONFORM

CO<sub>2</sub>  
EMISSION-  
NEUTRAL

# Benefits

HighOx™ is used for exhaust air purification of VOC concentrations through special adaptation of the most powerful UV techniques and supporting photo-oxidation-catalytic stages.

Suitable for low to high volume flows, high concentrations and high media temperatures. Even strong emission fluctuations can be reliably treated.

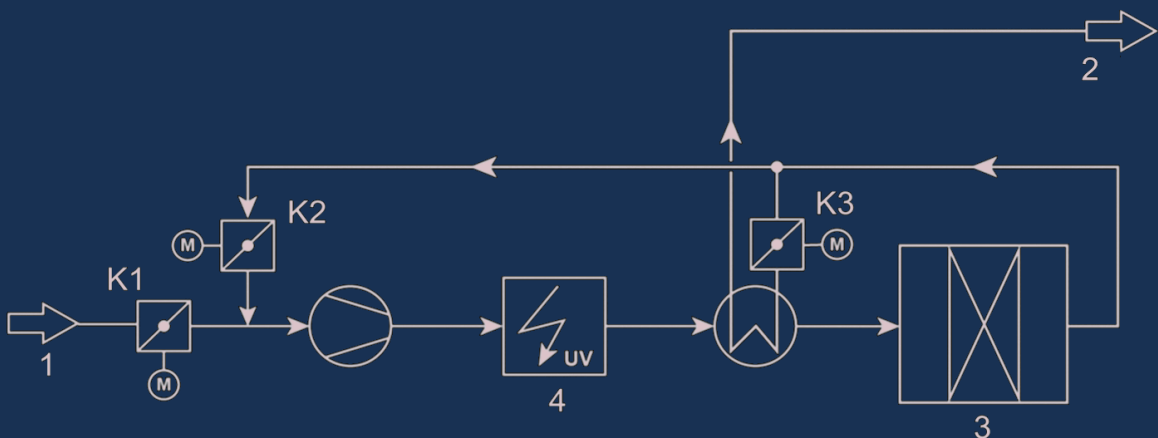
- Low maintenance effort
- Simple flexible and demand-oriented operation
- Low operating costs
- Low space requirement
- Easy upgrade possible



HighOx System in planing



HighOx System realised



1. Rohgas
2. Reingas
3. Katalysator
4. UV-Reaktor

Schematic representation HighOx