YOUR BENEFITS AT A GLANCE

- In-line measurement
- Low maintenance and easy to use
- Cost-efficient
- Long service life thanks to LED technology
- Accurate values in real-time thanks to turbidity-corrected SAC measurement
- Connection to existing PCS and Control Cloud by zahnen possible
- Connection to intelligent control system for precise control of a 4th treatment stage

TRACE GUARD

OPTIMUM PROCESS CONTROL THANKS TO REALTIME MEASUREMENT

ACCURATE

DURABLE

RELIABLE

Trace Guard by zahnen

KEY DATA / SPECIFICATIONS

- Optical measurement in two wavelengths
  - 255 nm (UVC) for organic contamination
  - 860 nm (infrared) for turbidity compensation
- Measuring gap: 50 mm
- Measurement possible in the range from drinking water to treated wastewater
- Sensor structure:
  - Probe:
    - In-line measuring system with 2“ process connectionon both sides
    - Can be used in the main line or bypass
    - Splash-proof housing
    - M12 and USB connections (IPX4)
  - Controller:
    - Robust housing
    - 7-inch touch display for operation and maintenance
    - Profibus interface for connection to a higher-level control system or PCS
    - Optional: Interface to Control Cloud for additional features such as
      + Remote monitoring and maintenance of the measuring system
      + Automatic calibration of the measuring system
      + Precise control of a 4th treatment stage (e.g. PAC or ozone)
- Trace contaminant removal system consists of at least two probes (inlet and outlet) and a controller