



# Sensorex<sup>®</sup>



# UVT-LED

SMARTER UV-TRANSMITTANCE MONITORING

## THE KEY TO EFFICIENCY MONITORING AND OPTIMIZATION OF THE UV DISINFECTION PROCESS.



### Automatic Cleaning & Calibration

The Sensorex patented wiper technology delivers a swift cleaning cycle and automatic calibration to a quartz reference standard.

### Continuous Monitoring for Effective Dosing of UV Disinfection

Seamlessly protect downstream processes from changes of organic content in water, and always ensure proper UV disinfection through accurate, continuous monitoring of UV-Transmittance.

### High Performance UV-C LED Technology

Instant LED illumination offers many advantages over mercury lamps including more stable readings and much longer lifetime.

### Effortless Installation or Retrofitting

With the smallest footprint of any commercially available UV-transmittance sensor solution, the Sensorex UVT-LED can be easily be retrofit into existing systems or integrated into new designs.

### Simple Connectivity

There's no need for additional hardware or a controller with the Sensorex UVT-LED. The sensor directly outputs a 4-20mA signal for tuning the power of a UV disinfection system or monitoring with a data logger.

## INDUSTRIES

Drinking Water  
Wastewater  
Food & Beverage  
Pharmaceutical  
Semiconductor  
Ballast Water  
Commercial Aquatics  
Aquaculture  
Dairy



### Specifications\*

- Measurement Technique: UV absorption method (single beam technique), reagent-free
- Measurement Path Length: 1cm
- Output: 4-20mA
- Power Supply: 24V DC, 5A min. (not included)
- Accuracy: 1.0% T
- Resolution: 0.1% T
- Display: LCD with LED Backlight
- Measurement Range: 10% - 100% T
- Measurement Interval: 60 seconds
- Sample Flow Rate: N/A
- Inspection Interval: 6 months
- User Maintenance: 1 hour / month, typical
- IP Ingress Rating: IP66
- Warranty: 2 Year Limited Warranty
- Dimensions: 7.55" H x 2.56" Dia
- Weight: 1.6 lbs (0.73 kg)

### Part Number List / Ordering Information

- UVT-LED-PW : Process (On-line) UV-Transmittance Monitor
- UVT-LED-H : Handheld (Off-Line / Sampling) UV-Transmittance Monitor

### What's Included

- UVT-LED UV-Transmittance Monitor
- Cleaning Swab
- Worldwide Power Supply (Handheld Unit Only)
- Carrying Case (Handheld Unit Only)

\*Specifications listed are for UVT-LED-PW. Visit [www.sensorex.com](http://www.sensorex.com) for information and specifications of UVT-LED-H handheld unit.

**DESIGNED AND ASSEMBLED IN CALIFORNIA, USA**

11751 MARKON DRIVE • GARDEN GROVE, CA 92841 • 714.895.4344 • [WWW.SENSOREX.COM](http://WWW.SENSOREX.COM)

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