



UVT-LED-H

QUICK START GUIDE



THANK YOU FOR CHOOSING THIS UVT-LED-H UV-TRANSMITTANCE SENSOR.

For over forty years, Sensorex has been the preeminent supplier of leading edge technology and innovative products to measure and monitor the quality of water.

Today, we remain focused on the continual advancement of water quality monitoring products and technology.

The UVT-LED is the latest Sensorex innovation and our first optical-based measurement system designed specifically for simple, reliable UV-transmittance monitoring.



UVT-LED-H



STEP 1 – UNPACKING THE UVT-LED

Make sure you have all the proper components. Refer to the packing list for the components you received based upon your order.

Connect the power supply cable to a power adapter, then plug the power supply into a wall outlet to begin charging the battery. The battery requires approximately 15 hours to reach a full charge when plugged into a wall power outlet.



STEP 2 – CALIBRATING THE UNIT

Insert the UVT-LED into de-ionized water for initial calibration. Ensure it is inserted to level above measurement area, and shake gently to remove air bubbles.

Short press the Read/Cal button to take a reference measurement. The reference measurement will show on the LCD display in approximately 10 seconds.

Press and hold the Read/Cal button for more than 3 seconds until the LCD display backlight begins flashing blue.

Once the LCD display reads measurement greater than 99.9%, the calibration procedure is complete.



STEP 3 – TAKING A MEASUREMENT

Once calibrated, the UVT-LED is ready to take measurements. Please note that the unit should be re-calibrated every 100 measurements.

Before starting a reading, visually inspect the UVT-LED unit to ensure there is no material or debris on the unit that could contaminate the sample.

To begin a reading, place the UVT-LED into a sample. Make sure it is inserted to level above the measurement area as shown.

Short press the Read/Cal button to take a measurement. The measurement will show on the LCD display after approximately 10 seconds.



Parts covered by this product data sheet include:
UVT-LED-H

Document Number 480434
Rev: 2016-01-20

© 2016 Sensorex Corporation

DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

11751 MARKON DRIVE • GARDEN GROVE, CA 92841 • 714.895.4344 • WWW.SENSOREX.COM