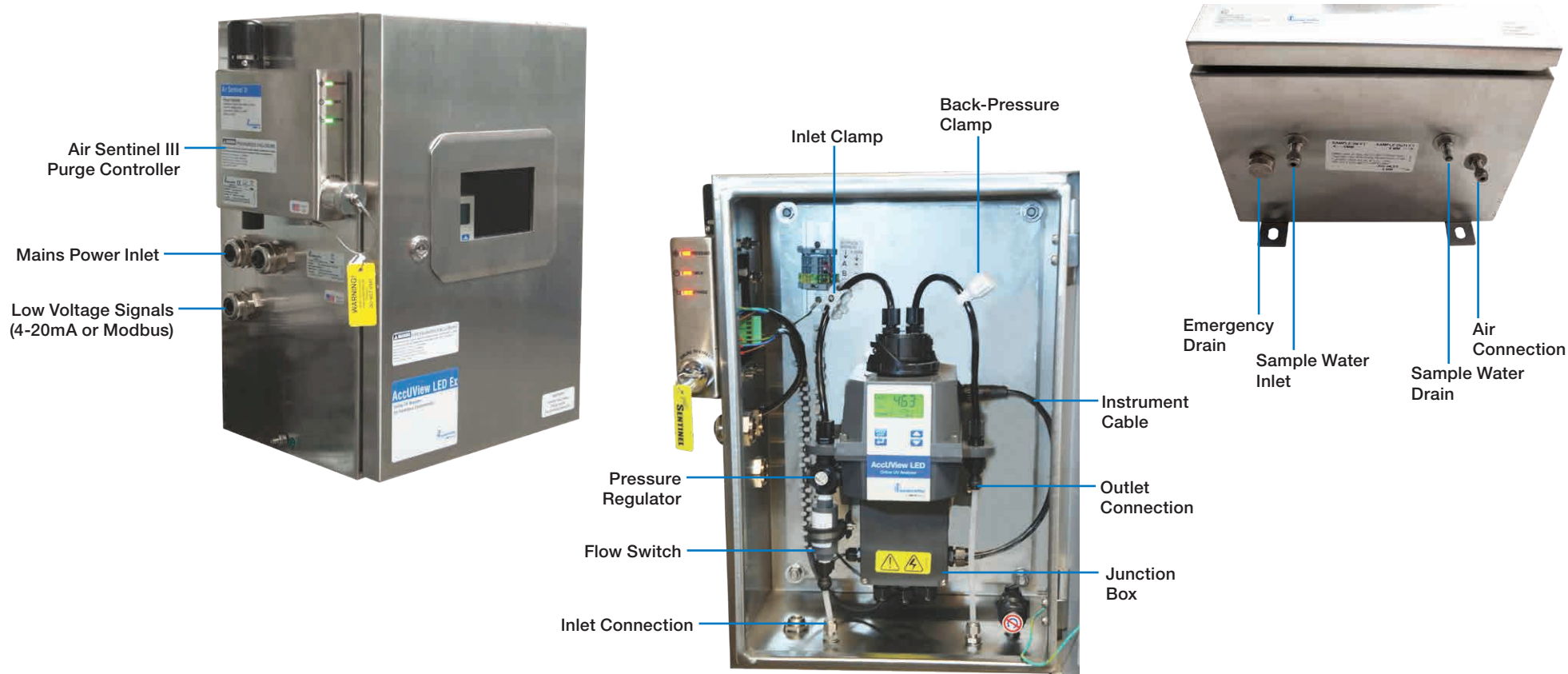


AccUView LED Ex

Online UV Analyzer for Hazardous Environments



Included in package:

- AccUView LED Ex with Air Sentinel III
- Manual
- Quartz Cuvette with Ultrasonic Transducer (Single Pack)
- 100% T Calibration Standard
- Air dryer / filter



Air dryer / filter

Optional / Replacement Parts:

- 19323 100%T Calibration Solution - 500ml
- 21062 Tubing Kit (1-Shutoff Clamp, 1 Back-pressure valve, 2 connecting tubings with fittings for flow through assembly, drain vent)
- 24232S Replacement Quartz Cuvette w/ Ultrasonic Transducer
- 24306S Replacement Pressure Regulator
- 28044 AccUView LED Ex Instrument
- 28161 Air Prep Kit with Dryer
- 28474 Replacement UV LED Assembly
- 100125 Operation Manual, AccUView LED Ex
- 110070S Replacement AccUView LED for Ex
- 110083S AccUView LED for Ex Electronics Service Module

AccUView LED Ex Startup Checklist

1. Initial Start-up

Once the AccUView LED EX has been fitted with the proper electrical, air, sample water and drain connections, ensure they are tight and leak free. Air and power can now be applied to the instrument. Mains connections are supplied only to the Air Sentinel III. Turn on power to the Air Sentinel III. Power will be supplied to the electronics of the AccUView LED Ex once the Air Sentinel III completes a 7 minute purge cycle.

*Ensure the incoming air line is fitted with the Air Filter/Dryer provided

2. Air Sentinel III Controller Operation

The Air Sentinel III purge controller is installed on the side of the main enclosure. This purge controller will ensure proper, safe operation of the AccUView LED Ex. The Air Sentinel III will act as a governor to control the power to the rest of the instrument, allowing operation only if the correct conditions are met. It does this by monitoring air flow and pressure inside the electrical enclosure to ensure it meets the minimum requirements. Should the air supply fail, the power to the rest of the AccUView LED Ex is removed. The AccUView LED Ex will require another seven-minute purge cycle upon correction of the condition. The Air Sentinel III indicates the pressure condition with an LED. If the LED is Green, the pressure is fine. If the LED is Red, the pressure is too low or not present.

3. RS-485/4-20mA

Do not run RS-485 or 4-20mA cables in the same conduit as power. Connections are labeled next to the DIN rail connector.

4. Warm Up

The AccUView LED Ex requires a 30 minute warm-up period. To improve the accuracy, allow the AccUView LED Ex to complete warm-up time before calibrating. During the warm-up period, the display may flash, indicating that it has detected a temperature change. This is normal operation during the warm-up period.

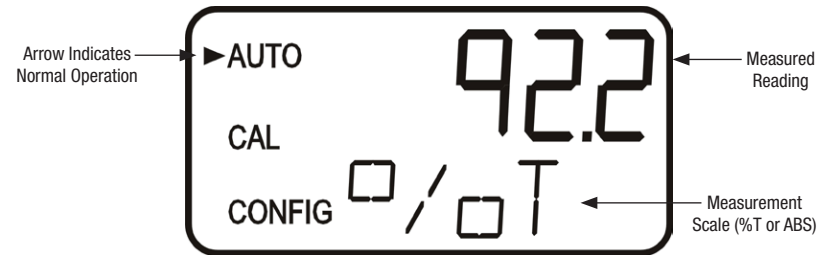
5. Initial Operation

The instrument is factory calibrated and can be used straight out of the box, however for best accuracy, on site calibration is recommended. See owner's manual for calibration instructions.

Be sure that the cuvette is tightly installed on the flow through unit prior to introducing water to the unit. The cuvettes are pressure checked at the factory but could have loosened during shipping.

6. Observe Operation

All LED lights on the Air Sentinel III should be GREEN, indicating proper/normal operation.



Screen Display - Normal Operation

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.



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