



LAKWOOD INSTRUMENTS TRACE SENSOR KIT

The Trace Sensor Kit is used for additional Trace Chemistry control to the Lakewood Instruments model 1575e, model 2000e series, and NexSys® cooling tower controllers. The Trace Mounted Sensor Kit includes an Inline Fluorometer, an inline tee, a pre-wired isolator, a power supply.

The Inline Fluorometer is a low cost, compact fluorometer designed for monitoring of fluorescent dyes in industrial water systems. Integration of the inline Fluorometer into your 1575e automation system enables monitoring of fluorescent trends in real time for better control of your cooling water chemistry. The fluorometer is designed as a rugged, 24/7 device providing maximum performance, minimal maintenance and solid-state reliability.

PART NUMBER 1269338 SHOWN

Trace Mounted Sensor Kit shown with a Model 1575e Cooling Tower Water Treatment Controller on A Mounting Plate



FEATURES

- Includes a single-channel fluorometer that provides a 4-20 mA analog signal output that is directly proportional to the concentration of your traced chemistry.
- Solid-state LED/Photodiode technology, no moving parts
- A low maintenance design to provide trouble-free performance.
- Includes a pre-wired isolator to eliminate power supply interference.
- Includes an in-line tee for use in light industrial environments.
- Works with PTSA fluorescent dye
- Probe output is pre-calibrated (base and slope) at 200 ppb trace @20mA. Using a 1 to 1000 PTSA mix equates to 100 ppb of trace equaling 100 ppm of chemical in system.

BENEFITS

- Easy to add to the Lakewood Instruments Model 1575e, 2000e Series, and NexSys® cooling tower controllers in the field. Firmware upgrade allows older 1575e units to accept this new technology. Note: Signal Conditioning is not available when used with the 2000e Series of controllers.
- Easy to transition to Trace Chemistry Control using Lakewood Instruments control schemes.
- Installs into your process flow with a PVC tee.
- Comes pre-set and aligned at the factory.

SPECIFICATIONS

Material	PVC Type 1	Range (Calibrated)	0 – 200 ppb (Trace)
Threading	1 Inch NPTF	Output Signal	4-20 mA
Max Pressure	100 psi	Input Voltage	8 TO 30 vdc
Max Temperature	140°F (60°C)		