PFC eSTORE
Clear Solutions Technology Company

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WALCHEM PYXIS PTSA SENSOR WITH TEE

PTSA Output Scale (Set at Factory) – 0–200ppb | **PTSA Maximum Range –** 0–300ppb | **PTSA Precision/Accuracy –** ±1ppb | **Power Supply –** 22–26VDC, Power Consumption – 1W | **Outputs –** Isolated 4–20mA Analog Outputs & Isolated RS-485 Digital Output -7 Pin | **Installation –** 3/4” FNPT Socket & Thread | **Operating Temperature –** 40–120 ºF | **Fluorometer Material –** CPVC

SKU: 50661
Stock: 2 in stock (can be backordered)
Categories: Walchem Sensors

Model Number ST-500
Part Number 50661

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PRODUCT DESCRIPTION

ST-500 INLINE FLUOROMETER

WITH THE ST-001 CUSTOM TEE!

Product Description

The ST-500 inline fluorometer is a very popular model for real-time monitoring of inhibitor dose with its extreme accuracy and proven robustness in the application of fluorescence traced cooling programs. It is mostly used for feedback control to maintain the dosed concentration within a narrow band around the set point regardless of changes in cycle or heat load dynamics.

Now the ST-500 series expand the target of measurement to a broad range of analytes, including fluorescein and naphthenic disulfonic acid (NDSA) to bring your success of traced cooling programs to boiler and other applications.

Thanks to the state-of-the-art fluorescence technology adopted in our design, the ST-500 series are very forgiven to real world sample water conditions. With its flow-through optical design and multiple wavelength color/turbidity compensation algorithm, the ST-500 probe keeps high performance for water samples with up to 100 NTU turbidity and/or 5ppm iron. The comparison in the experiment shown below clearly demonstrates the superior performance of the Pyxis Lab® ST-500 probe in the presence of iron color.

Data

ADDITIONAL INFORMATION