STA-500 & 700

Fluorometer or Turbidity by Pyxis

Trace Chemical Control

Key Features

- Accurate In-Line Measurement

- Compact Design

- Quick Release Tee

- Solid State Design

- Simple 4-20mA Output

- Easy Connection to MegaTron Controllers

Application

The Pyxis in-line fluorometer or turbidity is a compact sensor designed for monitoring and control of fluorescent dyes or turbidity in industrial water systems with a single 4-20mA analog output.

Advantage Controls' makes integration simple and convenient with our pre-fab options and no requirement for an external power supply and mA output isolator.

MegaTron and MegaTron XS controllers with a 4-20mA input can power the sensor and provide accurate relay control with standard set point, high/low alarm, feed limit timer and daily max feed for proportional chemical concentration control. Add optional web communications for maximum customer satisfaction and performance.

Build a Pyxis Model Number

STA- ____ - ____ ____

Optics
500	=	PTSA optics (0-300 ppb), CPVC, 100 psi
525	=	Fluorescein optics (0-60 ppb), CPVC, 100 psi
730	=	Turbidity optics (0-100 NTU), CPVC, 100 psi
730B	=	Turbidity optics (0-500 NTU)
500SS	=	PTSA optics (0-300 ppb), SS body, 290 psi (no tee)
525SS	=	Fluorescien optics (0-60 ppb), SS body, 290 psi (no tee)

Wiring
1	=	Standard 50" quick release cable with stripped ends
2	=	50" quick release cable pre-wired to separately order Advantage controller

Pre-Fab
X	=	Probe and tee not installed
Y	=	Probe and tee pre-installed in controller or pre-fab plumbing (must have Advantage controller or pre-fab ordered as separate line item on same order)

Specifications

Dynamic Range:	<1 to 300 ppb typical for PTSA		Weight:	4.4 ounces (125g)
Sensitivity:	<1 ppb typical		Length:	8.63" (21.9 cm)
Input Voltage:	22-26 VDC		Material:	CPVC
Signal Output:	4-20 mA		Warm Up Time:	5 seconds
Pressure:	0-100 PSI (CPVC)		Temperature:	0-50°C
			Mounting Tee:	¾" FNPT PVC

Parts &Accessories

PYXIS-T-N-PLUG	Pyxis PVC tee and plug is separately ordered controller or pre-fab
MA-WB	Bluetooth programming box with connectors
SP-350	Handheld PTSA only tester
SP-400	Handheld PTSA and conductivity
SP-710	Handheld PTSA, pH, ORP, Cond, Temp, and total chlorine
SP-910	Handheld PTSA, Fluorescein and colorimeter
PTSA-100-P	100 ppb PTSA test solution, 500 ml
PTSA-300-P	300 ppb PTSA test solution, 500 ml
PTSA-1010-P	100ppb PTSA and 1,000 µS/cm test solution, 500 ml
ST-SER-01	ST sensor cleaning kit and solution, 500 ml
FLUOR-50-P	50 ppb Fluorescein test solution, 500 ml
NTU-50-P	50 NTU test solution, 500 ml

Get the Advantage