

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 (0-200 ppb)
- 525** = Fluorescein optics (0-60 ppb)
- 730** = Turbidity optics (0-100 NTU)
- 730B** = Turbidity optics (0-500 NTU)

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 200 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	Temperature:	0-50°C
		Mounting Tee:	¾" FNPT PVC

Parts

PYXIS-T-N-PLUG	Pyxis PVC tee and plug is separately ordered controller or pre-fab
PTSA-100	100 ppb PTSA test solution, 1 liter
FLUOR-100	100 ppb Fluorescein test solution, 1 liter

Get the Advantage

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