

# XCITE Fluorometer

## *PTSA Trace Chemical Control*



## Key Features

- Accurate Measurement
- Compact Design
- Quick Release Tee
- Built-In Bluetooth
- Simple 4-20mA Output
- Multiple Tee Adaptors
- Easy Connection to MegaTron Controllers

## Application

The XCITE compact in-line sensors provide monitoring and control of PTSA fluorescent dyes in industrial water systems with a single 4-20mA output.

The sensors include built-in bluetooth ability for connecting the XCITE app for calibration PTSA ranging and mA output scaling.

Advantage Controls' makes integration simple and convenient with our prefab options and powering the sensor with a MegaTron controller.

MegaTron controllers with a 4-20mA input provide accurate proportional control of a system's chemical levels with built-in safety interlocks. Add internet communications for maximum customer satisfaction and performance.

## Build an XCITE Model Number

Model **AXC** -

### Tee Options

- PT200** = No tee
- PT201** = 1" PVC quick release tee and nut
- PT202** = Adaptor collar for Turner tee (no tee or nut included)
- PT203** = Adaptor collar for Pyxis tee (no tee or nut included)

### Wiring

- 1** = Standard 78" quick release cable with stripped ends
- 2** = 78" quick release cable pre-wired to separately order Advantage controller

### Prefab

- X** = Probe and tee not installed
- Y** = Probe and tee pre-installed in controller or prefab plumbing (must have Advantage controller or prefab ordered as separate line item on same order)
- Z** = Probe and tee pre-installed like option Y plus plug for tee

**Note:** Prefab options Y & Z only available on the 201 model.

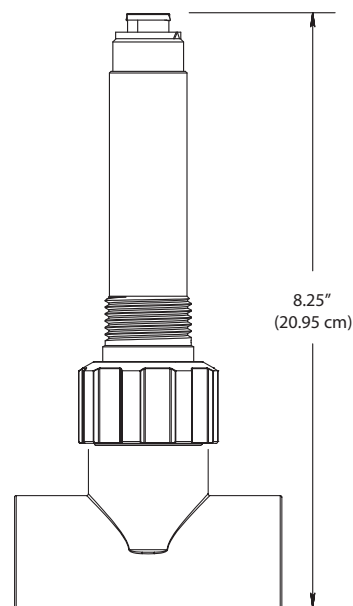
## Specifications

<b>PTSA Accuracy:</b>	0.1 ppb	<b>Warm Up Time:</b>	5 seconds
<b>PTSA Range:</b>	0-300 ppb*	<b>Linearity:</b>	$R^2 > 0.999$
<b>Input Voltage:</b>	6-36 VDC	<b>Temperature:</b>	0° - 50°C
<b>Consumption:</b>	760 mW	<b>Max Pressure:</b>	100 psi (6.89 bar)
<b>Signal Output:</b>	4-20 mA / Modbus / Bluetooth	<b>Mounting Tee:</b>	1" F SLIP PVC
<b>Waterproof:</b>	IP68	<b>Materials:</b>	PVC and Delrin

\*The default range is set for 0-300 but it can be changed with the built-in bluetooth using the XCITE app for larger (up to 0-600) or smaller ranges.

## Parts

AXC-CABLE-78	Replacement cable, 78"
AXC-CAL-T	Calibration tee with plugs
AXC-PY-COLLAR	Adaptor collar for Pyxis tee
AXC-TEE-ASM	Complete 1" slip tee, nut and o-ring
AXC-TMP	AXC tee and plug installed in separately ordered prefab
AXC-TU-COLLAR	Adaptor collar for Turner / Walchem tee
E-30-PH	Replacement o-ring
PE-NUT	Replacement quick release nut
PLUG-T3	Plug for AXC 1" tee
PTSA-100-A	100 ppb PTSA test solution, 1 liter



**Get the Advantage**



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