Necessary Accessories

• Pyxis Lab® Sensor Cleaning Kit
• MA-CR Bluetooth® Adapter
• PTSA Calibration Solutions

www.pyxis-lab.com/shop

Pyxis®

ST-500W

PTSA Sensor for Walchem® Tee
Quick Start Guide

User Manual Download

Provided Accessories

• (1) 8-Pin Bulkhead Cable
• (1) 8-Pin Flying Lead Cable
• (1) Universal Walchem®/ Alternative Tee Nut
• (1) O-Ring for Walchem® Tee
• (1) O-Ring for Alterative Fluorometer Tee

Pyxis Lab® Inc.
1729 Majestic Drive (Suite 5)
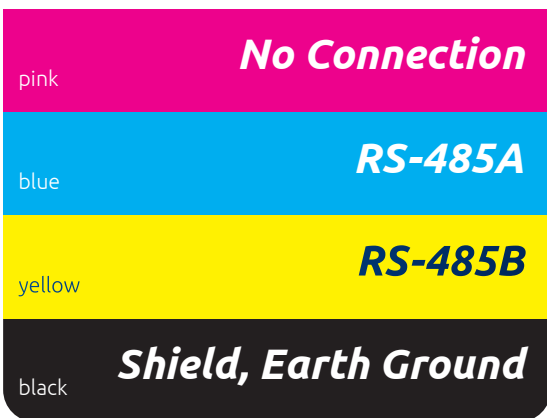Lafayette, CO 80026
www.pyxis-lab.com/shop

Installation & Wiring Guide

1. Determine if your existing inline tee assembly is Walchem or an alternative. Typically the Walchem tee is light gray CPVC, while the other tee is dark gray or black CPVC.
2. Once identified, insert the appropriate O-Ring into the groove of the tee. Note that using the incorrect O-Ring can lead to non-water tight seal.
3. Insert the ST-500W into the tee with the stainless steel collar alignment screws and make sure they are properly aligned.
4. Tighten the provided universal nut onto the tee to form a water-tight seal.

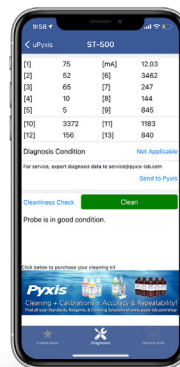| color	connection
red	**24V+**
brown	**Power Ground**
green	**Earth Ground**
gray	**4-20mA-**
white	**4–20mA+ for PTSA**
pink	**No Connection**
blue	**RS-485A**
yellow	**RS-485B**
black	**Shield, Earth Ground**

Using uPyxis®

To start make sure the sensor is connected to our MA-CR Bluetooth® adapter. Next, place your sensor into DI water & select 'Zero Calibration' to start. Then insert the sensor into the desired Pyxis Lab® PTSA Calibration Solution, select 'Slope Calibration' & enter the value. Select 'Calibrate' to finish calibrating!

Under 'Diagnosis' you can conduct a real-time 'Cleanliness Check to test whether your sensor is clean or dirty. Under 'Device Info' you can customize Device Name, Product Name & Modbus Address!

Download the app!