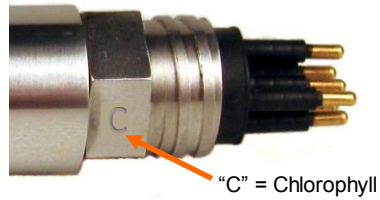


Congratulations on the purchase of your new C-FLUOR Submersible Probe. We are committed to customer satisfaction. If you need assistance, technical specialists are available to answer your questions at 408-749-0994 or toll-free at 877-316-8049. This Quick Start Guide will help you set up your C-FLUOR Submersible Probe and describe how to take measurements so you can start collecting data as quickly as possible.

How to identify for which fluorophore your C-FLUOR is configured:

"C" = Chlorophyll	"R" = Rhodamine WT
"F" = Fluorescein	"P" = Phycocyanin
"E" = Phycoerythrin	"U" = CDOM / fDOM
"O" = Crude Oil	"B" = Optical Brighteners
"T" = Turbidity	"D" = Red Excitation

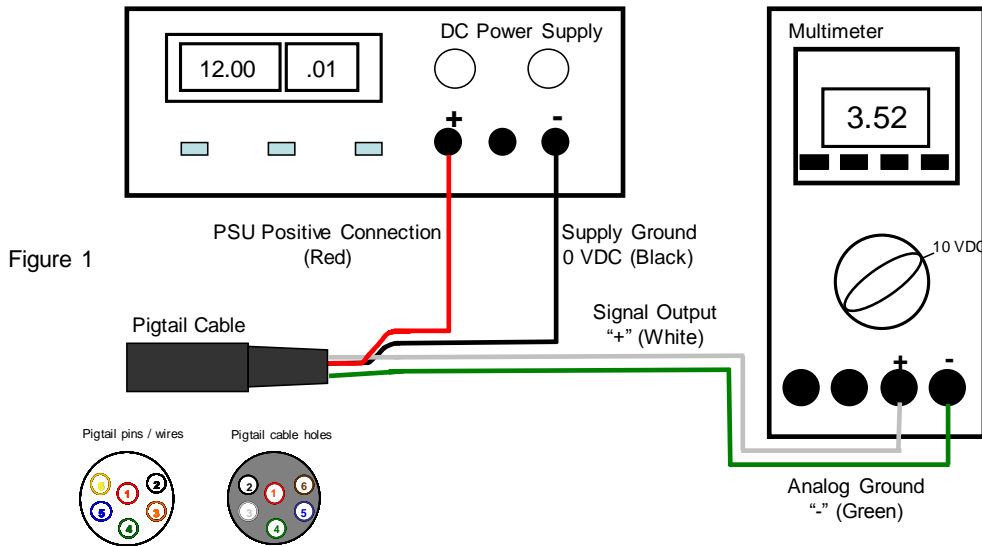


1 Initial Connections

Attach the 6-pin female connector to the probe and connect the colored wires to the power supply and multi-meter as shown in Figure 1.



Note: Supply voltages greater than 15 VDC will damage the probe.



2 Functional Test Validation

With the C-FLUOR connected as shown in Figure 1 make the following functional tests:

- The LED is on
- The multimeter reads >0 VDC
- Moving the light source closer to your hand causes the output voltage to increase.

3 Performing C-FLUOR Measurements

C-FLUOR Probes output a 0-5 Volt analog signal proportional to the fluorescence detected from the fluorophore of interest. Every C-FLUOR is factory calibrated and delivered with a certificate that contains factory calibration values for that specific probe; the certificate also contains an equation that can be used with the calibration values to convert C-FLUOR's voltage signal to concentration estimates for the specified fluorophore of interest.

Use the wiring diagram above to connect the C-FLUOR to a power supply and a multi-meter that will read voltages from the probe. Submerge the optical head, or entire probe, into the water sample; the voltage displayed indicates the relative amount of fluorophore in your sample.