

# Enviro-T2™

## In-Line Fluorometer



### Enviro-T2 In-Line Fluorometer

Enviro-T2 is an accurate, single-channel fluorometer that installs into a plumbing tee for direct in-line measurements. It easily integrates with data collection systems providing a 4 – 20 mA output proportional to the fluorescence from chlorophyll in the water sample. The Enviro-T2 is a high performance, rugged, continuous sampling device providing solid-state reliability with a quick one-step disconnect for instrument maintenance or inspection. Factory calibrated and requiring minimal installation effort, simply plumb the Enviro-T2 in-line with your online monitoring system, connect the output to your controller or data logger, and supply power to estimate algal abundance as a biological parameter for your monitoring program.



### Enviro-T2 Highlights

- Low Level of Detection
- Compact Package
- Easy Integration with Controllers
- Minimal Maintenance

### Enviro-T2 Physical Specifications

Material	PVC – rigid injection-molded plastic
Weight	4.4 ounces (125 g)
Length	8.63 inches (21.9 cm)
Housing Diameter	1.3 inches (3.3 cm)
Diameter at Flange	1.72 inches (4.4 cm)

### Enviro-T2 Electrical Specifications

Power Draw	0.8 W @ 12 VDC (1.0 W maximum)
Input Voltage	8-30 VDC
Signal Output	4-20 mA
Warm up time	5 Seconds

### Mounting Tee Physical Specifications

Material	PVC – rigid injection-molded plastic
Dynamic Pressure	100 PSI
Threading	1 inch (NPT)
Length	3.3 inches (8.4 cm)

Application	Minimum Detection Limit	Dynamic Range	Linearity
Chlorophyll	0.03 µg/L	0-100 µg/L	0.99R <sup>2</sup>

### Ordering Information

INSTRUMENT	PART NUMBER
Enviro-T2 In-Line Fluorometer with Chlorophyll Optics	2820-000-C

  

ACCESSORIES	PART NUMBER
Enviro-T2 Chlorophyll Standard Solution, Blue Excitation	2820-220
Replacement Plumbing Tee Package	2820-510
Replacement Cable, 4 – 20 mA	021-2800
Replacement Plumbing Plug	2820-520

### Contact Us

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