

Enviro-T™

In-Line Fluorometer



Enviro-T Highlights

- Wide Dynamic Range
- Low Sensitivity
- Compact Package
- Easy Integration with Controllers

Enviro-T In-Line Fluorometer

Turner Designs' Enviro-T is an accurate, single-channel fluorometer which installs into a plumbing tee for direct in-line measurements. The Enviro-T, easily integrated with data collection systems, provides a 4 - 20 mA signal output proportional to the relative concentration of the fluorophore of interest in the sample water. The Enviro-T is a rugged, 24/7 sampling device that provides maximum performance, minimal maintenance, and solid-state reliability.

Enviro-T Physical Specifications

Material	PVC – Type I, machined plastic
Weight	3.35 ounces (95 g)
Length	5.92 inches (15.04 cm)
Housing Diameter	1.05 inches (2.67 cm)
Diameter at Male Fitting	1.54 inches (3.91 cm)

Enviro-T Electrical Specifications

Power Draw	0.96 W @ 12 VDC (1.2 W maximum)
Input Voltage	8-30 VDC
Signal Output	4-20 mA
Warm up time	5 Seconds

Mounting Tee Physical Specifications

Material	PVC – Type I, molded plastic
Dynamic Pressure	100 PSI
Threading	1 inch (NPT)
Length	3.44 inches (8.74 cm)

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

Ordering Information

INSTRUMENT	PART NUMBER
Enviro-T In-Line Fluorometer with Chlorophyll Optics	2800-000-C
ACCESSORIES	PART NUMBER
Replacement Tee	118-0135

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