



MagPi Enterprise

Environmental Fluorometer Portfolio

MagPi Enterprise is proud to present a hard-working line of environmental fluorometers for the scientific and industrial community. Our state-of-the-art fluorometers are designed with patent pending optics for ultra-low detection limits and superior turbidity rejection at an affordable cost.

Available Fluorometers:

- Chlorophyll *a*
- Phycocyanin
- fDOM

Designed with cutting-edge optical advancements, MagPi Enterprise fluorometers provide industry leading accuracy, minimum detection limits, and response, even in highly turbid water conditions. Built-in temperature sensors, coupled with sophisticated algorithms in the firmware, automatically compensate for temperature fluctuations, ensuring reliable and consistent performance across diverse environments.

MagPi Enterprise offers fluorometers in both integrator and stand-alone configurations, with a range of standard and custom design options, providing tailored solutions for a variety of environmental applications.



Integrator Body Style

Stand-alone Fluorometer

Stand-alone Fluorometer Specifications	
Linearity	R ² > 0.999
Size	8.39" x 0.87"
Body Material	Titanium
Temperature	0-50° C
Depth Rating	200 m
Power Input	5-36 VDC
Data Output	RS-485 Modbus

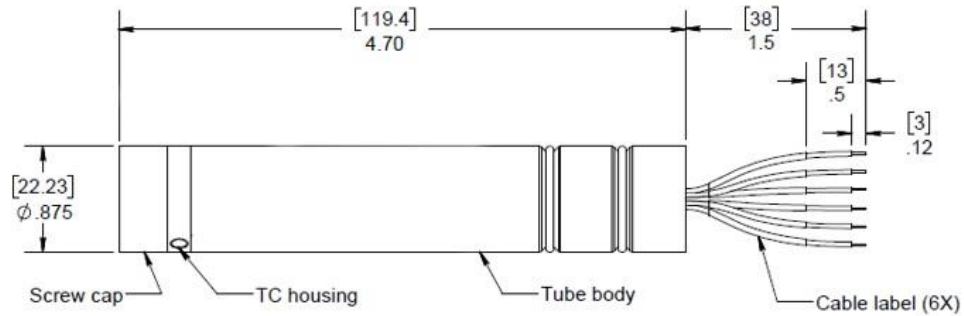
Integrator Fluorometer Specifications	
Linearity	R ² > 0.999
Size	4.8" x 0.87"
Body Material	Titanium
Temperature	0-50° C
Depth Rating	200 m
Power Input	5-36 VDC
Data Output	0-3 VDC and UART-MODBUS

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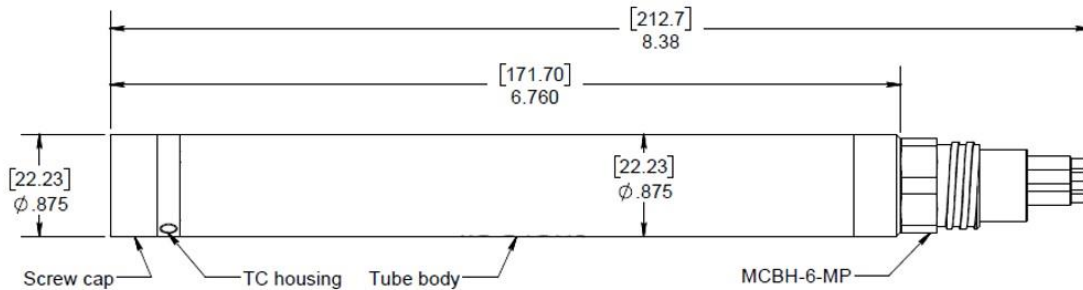


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Integrator Fluorometer Dimensions



Stand-alone Fluorometer Dimensions



Application	Dynamic Range	Response Time	LED CWL	Excitation	Emission	Power Draw
Chlorophyll a	0-100 ug/L	3 Sec (Integrator) 2 Sec (Stand-alone)	430 nm	N/A	670 / 110 nm	280 mW (Integrator) 500 mW (Stand-alone)
FDOM	0-650 ppb (Integrator)* 0-3000 ppb (Stand-alone)*	3 Sec (Integrator) 2 Sec (Stand-alone)	365 nm	N/A	465 / 110 nm	280 mW (Integrator) 500 mW (Stand-alone)
Phycocyanin	0-5000 ppb **	3 Sec (Integrator) 2 Sec (Stand-alone)	430 nm	590 / 40 nm	640 / 18 nm	280 mW (Integrator) 500 mW (Stand-alone)

* Secondary Reference PTSA (para-toluenesulfonic acid)

** C-PC (C-Phycocyanin)

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