

WET Labs manufactures a miniature version of the popular *Environmental Characterization Optics (ECO)* series instruments for OEM applications. ECO series instruments incorporate a common set of options with a single basic design. The puck™ version is specifically designed for applications where space and power requirements are critical. Pucks™ are ideal for a wide variety of applications, including AUVs, gliders, and profiling floats.

Available Configurations

- **Fluorometer (FL)**
 Single-wavelength measurement of your choice of chlorophyll-a, CDOM, phycocyanin, phycoerythrin, uranine (fluorescein), or rhodamine.
- **Combo Fluorometer-Turbidity Sensor (FLNTU)**
 Measures chlorophyll-a in µg/l and turbidity in NTU.
- **Single-wavelength Scattering Meter (BB)**
 Measures optical scattering at 117 degrees at your choice of 470, 532, or 650 nm wavelengths.
- **Volume Scattering Function Meter (VSF)**
 Measures optical scattering at 100, 125, and 150 degrees.
- **Triple-Measurement Meter (Triplet)**
 2 scattering & 1 fluorescence, 1 scattering & 2 fluorescence, or 3 fluorescence measurements—your choice.



Pucks™

Specifications

	Mechanical		Electrical
<i>Diameter</i>	6.3 cm	<i>Digital output resolution</i>	12 bit
<i>Length</i>	5.0 cm	<i>RS-232 output</i>	19200 baud
<i>Weight in air</i>	0.28 kg	<i>Connector</i>	Customer-defined
<i>Weight in water</i>	0.02 kg	<i>Input</i>	7–15 VDC
		<i>Current, typical</i>	80 mA
		<i>Sample rate</i>	to 8 Hz
	Environmental		
<i>Temperature range</i>	0–30 deg C		
<i>Depth rating</i>	600 m (std)		

See equivalent meter specifications sheets for optics details.