

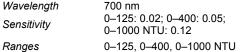
## ECO NTU

WET Labs offers the *Environmental Characterization Optics* (*ECO*) series of meters that incorporate a common set of options with a single basic design to make them ideal for a wide variety of deployments. The NTU provides:

- Unparalleled sensitivity of the ECO in an optical scattering measurement at 660 nm for determining turbidity.
- Turbidity measurement data that is not affected by CDOM concentration, unlike instruments that attempt to measure turbidity by using blue wavelengths.
- The option of analog output for easy integration into CTD packages.
- Excellent precision, reliability and overall performance at a fraction of the cost and size of similar instruments.

## Mechanical

6.3 cm
12.7 cm (standard)
25.6 cm (deep)
0.4 kg (standard)
1.3 kg (deep)
0.02 kg (standard)
0.75 kg (deep)
Acetal copolymer (standard)
Titanium (deep)
Optical
700 nm





Electrical		
Digital output resolution	14 bit	
RS-232 output	19200 baud	
Analog output signal	0–5 V	
Internal data logging	optional	
Internal batteries	optional	
Connector	MCBH-6-MP	
Input	7–15 VDC	
Current, typical	60 mA	
Current, sleep	150 µA	
Data memory	90,000 samples	
Sample rate	to 8 Hz	
Anti-fouling Bio-wiper™	optional	
Bio-wiper™ cycle	140 mA	

## Environmental

Temperature range	0–30 deg C
Depth rating	600 m (standard)
	6000 m (deep)
Pressure/temperature sensor	optional

NTU(RT)— Analog and RS-232 serial output with 4,000-count range. This unit operates continuously when power is supplied.

NTU(RT)D-Provides the capabilities of the NTU(RT) with 6,000-meter depth rating.

NTU—The capabilities of the NTU(RT) with periodic sampling.

NTUB-The capabilities of the NTU with internal batteries for autonomous operation.

NTUS—The capabilities of the NTU with an integrated anti-fouling bio-wiper™.

NTUSB—The capabilities of the NTUS with internal batteries for autonomous operation.

Specifications subject to change without notice.

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