



breaking the SONDE barrier

SPECIFICATIONS #E113



Parameters:

Conductivity
Specific Conductance
Salinity
Temperature

Most conductivity cells cannot be fully cleaned by mechanical anti-fouling wipers, but the EXO Wiped (C/T) probe was purpose-built to protect your conductivity data.

EXO Wiped Conductivity & Temperature Sensor

Better conductivity measurements for the EXO2 platform.

In long-term water quality monitoring, biofouling is public enemy number one. Biofilms, barnacles, and algal growth are common culprits of poor data quality, clogging up conductivity cells and coating sensor optics. While EXO2's Central Wiper can mechanically remove biofouling from other sensors to maintain data integrity over long deployment periods, the anatomy of a standard conductivity & temperature sensor makes this anti-fouling technique ineffective...until now.

Introducing the new **EXO Wiped Conductivity & Temperature** sensor from YSI, designed with and engineered for compatibility with EXO2's Central Wiper.

Discover the benefits of Wiped (C/T):



Save money by reducing the number of site visits each year. Pays for itself in under a year depending on application.



Lower the cleaning & maintenance requirements for conductivity sensors, and spend less time with anti-fouling screens and removing the build-up of hard growth.



Improve the reliability of your conductivity sensor, now with non-metallic electrodes.



Improve the representativeness of your conductivity data by avoiding stagnant readings and reducing the impact of micro-environments.



Reduce the need for post-processing data and spend less time manually adjusting for fouling-related sensor drift.



Prevent common types of fouling from impacting your valuable data, including; particulates, algae, barnacles, and trapped gasses.



YSI.com/WipedCT



And most importantly...

Leverage the flexible, plug-and-play sensor architecture of an existing EXO2 Sonde:

- User upgradeable solution
- Same sonde platform, new sensor
- No downtime, no service costs to transition

EXO Wiped (C/T) Sensor Specifications

Conductivity	Range	0 to 100 mS/cm
	Accuracy	±1% of the reading or 0.002 mS/cm, whichever is greater
	Resolution	0.0001 to 0.01 mS/cm (range dependent)
Specific Conductance	Range	0 to 100 mS/cm
	Accuracy	±1% of the reading or 0.001 mS/cm, whichever is greater
	Resolution	0.0001 to 0.01 mS/cm (range dependent)
Salinity	Range	0 to 70 ppt
	Accuracy	±2% of the reading or 0.2 ppt, whichever is greater
	Resolution	0.01 ppt
Temperature	Range	-5 to 50°C
	Accuracy	±0.2°C
	Resolution	0.001°C
	Response Time	T95<30 seconds

Additional Specifications

Operating Temperature	-5 to 50°C
Storage Temperature	-20 to 80°C
Depth Rating	250 meters
Warranty	2 years
Compatible With	EXO2 Sonde and Central Wiper

Ordering Information (order items separately)

599827	EXO Wiped Conductivity & Temperature Sensor
599831	EXO Wiped (C/T) Sensor, Spacing Kit (Note: one spacing kit is included with initial sensor purchase, but is considered a consumable part.)