

EXO Rhodamine Sensor

ADVANCED DYE TRACER



Accurately characterize water movement.

Rhodamine WT is commonly selected for dye tracer studies due to its ease of use, low adsorptive tendency, strong fluorescence, and negligible environmental impact. Featuring an innovative dual-channel design, the **EXO Rhodamine Sensor** is ideal for both low-range and high-range dispersion detection and monitoring the movement of water. Suitable for a variety of applications:

- Time-of-travel (TOT) studies
- Discharge measurements
- Mixing zone identification
- Treatment facility hydraulics
- Tracking pollutants
- Bore hole integrity

Benefits of EXO Rhodamine Sensor:



Unique dual-channel design for the highest precision and range



Extend deployment time with EXO's best-in-class anti-fouling wiper



Use with EXO sensors to assess other water quality impacts



a xylem brand

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DOCUMENT XA00030



The **EXO** platform provides the most advanced dye-tracer water quality system in the industry.



Rhodamine Sensor Specifications

Range	0 to 100 RFU or 0 to 1,000 µg/L
Minimum Detection Limit	0.01 µg/L
Accuracy	± 5% or 0.1 µg/L w.i.g
Linearity	$r^2 > 0.999$

Additional Specifications

Operating Temperature	-5 to 50°C
Storage Temperature	-20 to 80°C
Depth Rating	250 m
Warranty	2 years
Compatibility	EXO Sondes (firmware v1.0.83 or higher)

Ordering Information

577641	EXO Rhodamine Sensor
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Who's
Minding
the Planet?[®]



YSI.com/EXO/Rhodamine