



YSI Environmental



YSI 6130 Rhodamine WT Sensor

In response to the need for accurate, *in situ* measurement of Rhodamine WT for water and pollutant tracing, YSI has developed the 6130 Rhodamine WT sensor. The 6130 is a fouling-resistant, wiped sensor designed to seamlessly integrate – using no external interface hardware – with all YSI sondes that contain an optical port: 600 OMS, 6820, 6920 and 6600. The YSI 6130 provides accurate, *in situ* measurement of Rhodamine WT in fresh, brackish and sea water, as well as in stormwater and wastewater.



The 6130 Rhodamine WT sensor rejects turbidity and chlorophyll interference. Measurement accuracy is further enhanced through correction for the effects of temperature.

The 6130 sensor can be used in combination with a YSI sonde – 600 OMS, 6820, 6920 or 6600 – and the 650 handheld display-logger for making surface measurements as well as for measurements in vertical profile. In addition, the 6130 in combination with one of YSI data-logging sondes can be used for unattended continuous monitoring, as well as integrated with data collection platforms for real-time data acquisition.

Pure
Data for a
Healthy
Planet.™

*Providing accurate, in-situ
measurement of Rhodamine
WT in fresh, brackish, sea
water, stormwater and
wastewater.*





YSI Environmental

Pure Data for a Healthy Planet!

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ISO 9001
ISO 14001

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Features and Benefits

- Temperature compensation
• Turbidity and chlorophyll fluorescence rejection
• Wiped optics: field-proven for fouling prevention
• Compatible with all YSI sondes with an optical port
• Handheld measurements, continuous data-logging, real-time data acquisition
• One-year warranty

Applications

- Time of Travel: surface water, groundwater, wastewater
• Dispersion and mixing studies
• Circulation: lakes, reservoirs, bays, estuaries
• Spill mapping and response
• Stormwater retention
• Wastewater Treatment Facility: hydraulics, performance evaluation

YSI 6130 Rhodamine Sensor Specifications

Table with 2 columns: Specification (Detection Limit, Range, Accuracy, Depth) and Value (0.5 µg/L, 0 - 200 µg/L, 1.0 µg/L or 5% of reading, 61 meters (200 feet))