



Rhodamine WT Sensor

Brief Introduction:

Hydrolab provides the most accurate Rhodamine WT sensor available on a multiprobe.

Features:

- Ultra-compact size designed specifically for integration into the Hydrolab DS5X, DS5, and MS5
- Available with solid Secondary Standards to provide a quick and simple method to verify the sensor stability over time
- The Secondary Standard can be adjusted to correlate to a known dye concentration
- Three auto-selected gain ranges provide measurements from 0.04 to 1000 ppb



Benefits:

- Provides the most accurate measurement of Rhodamine WT because of electronic filtration of ambient light, efficient optical coupling, and quality optical components
- Incredibly fast response time through electronic filtration of ambient light
- Excellent turbidity rejection due to small sample volume design and high quality optical filter
- Cost-optimized for affordability and value

Optical Characteristics:

Light Source:	Light Emitting Diode
Detector:	Photodiode
Excitation Wavelength:	RWT 550 nm
Emission Wavelength:	RWT 600 nm

Specifications:

Minimum Detection Limit:	0.04 ppb
Dynamic Range:	Low sensitivity: 0.04-1000 ppb Med. sensitivity: 0.04-100 ppb High sensitivity: 0.04-10 ppb
Accuracy:	+/- 3%
Resolution:	0.01 ppb

This sensor available on These sondes:

Hydrolab DS5X
Hydrolab DS5
Hydrolab MS5

