



YSI 6136 Turbidity Sensor

Accurate, in situ turbidity measurements

The 6136 is a fouling-resistant, wiped sensor designed to seamlessly integrate – using no external interface hardware – with all YSI sondes that contain an optical port. It provides accurate, *in situ* measurement of turbidity in fresh, brackish, and sea water, and features an improved mechanical self-wiping capability for long-term monitoring, which helps ensure proper turbidity measurements.



YSI 6136 Optical Turbidity Sensor

- *In situ* monitoring
- Self-cleaning sensor for long-term deployment
- Field-replaceable

Take Advantage of YSI's New V2 Sondes

Expand your optical monitoring capability and upgrade your 6820, 6920, or 6600. V2 upgrades increase the number of optical ports on your sonde, allowing for measurement of additional optical sensors including:

- Turbidity
- Blue-Green Algae - Phycocyanin (for freshwater applications)
- Blue-Green Algae - Phycoerythrin (for marine applications)
- ROX™ Optical Dissolved Oxygen
- Chlorophyll
- Rhodamine

Upgrades are available from YSI Authorized Service Centers. Contact YSI for details.

Pure
Data for a
Healthy
Planet.®

Accurate, *in situ* turbidity
measurement

Sensor performance verified*

The performance of the YSI 6136 Turbidity Sensor was verified through the US EPA's Environmental Technology Verification Program (ETV).





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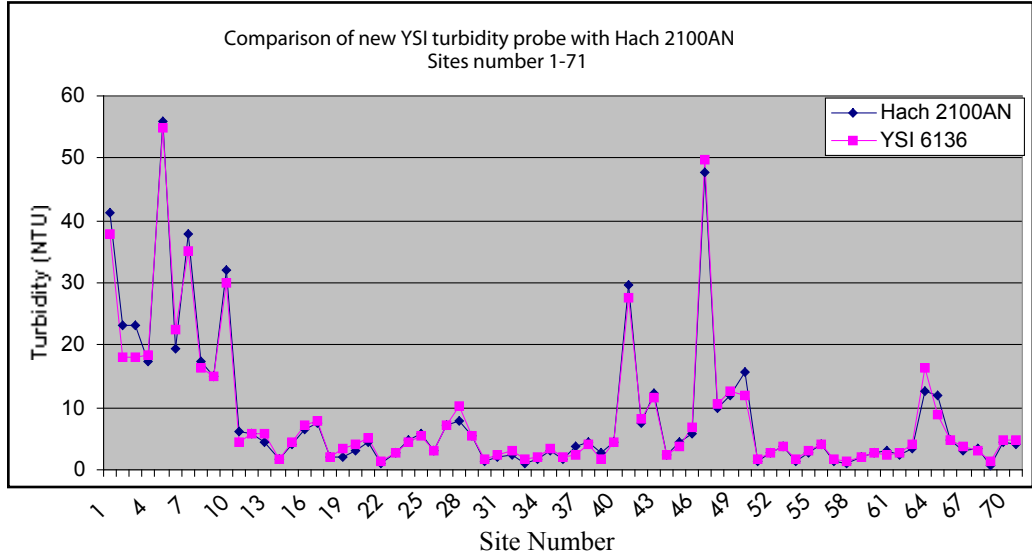


*Sensors with listed with the ETV logo were submitted to the ETV program on the YSI 6600EDS. Information on the performance characteristics of YSI water quality sensors can be found at www.epa.gov/etv, or call YSI for the ETV verification report. Use of the ETV name or logo does not imply approval or certification of this product nor does it make any explicit or implied warranties or guarantees as to product performance.

YSI incorporated
Who's Minding the Planet?®

Excellent agreement with the industry standard

Extensive empirical field and laboratory tests performed by YSI and independent agencies in Alpha and Beta studies document close agreement between *in situ* measurements made with the YSI 6136 turbidity sensor and data from the Hach® 2100AN, a laboratory instrument recognized as the standard for turbidity measurement.



Comparison of turbidity measurements made with the YSI 6136 Turbidity Sensor and Hach® 2100AN at 70 different riverine and lacustrine sites exhibiting widely varying (lower) turbidity ranges.

YSI 6136 Sensor Specifications

	Range	Resolution	Accuracy
Turbidity* 6136 Sensor*	0 to 1,000 NTU	0.1 NTU	±2% of reading or 0.3 NTU, whichever is greater**

* Maximum depth rating for all standard optical sensors is 200 feet, 61 m. Turbidity is also available in a Deep Depth option (0 to 200 m).

**In YSI AMCO-AEPA Polymer Standards.

Applications include:

- Dredging
- Storm water
- Construction site monitoring
- Vertical profiling
- Long-term studies
- Surface water evaluations
- Circulation in lakes, reservoirs, bays, and estuaries