Continuous Total Suspended Solid Monitoring System

Available for both Rental and Purchase

Water Treatment Management System

Oxen System & Trading specialises in Environment Monitoring and Assessment system for construction

sites. Our system monitors the total suspended solid content, ensuring that it complies with PUB requirements for constructions sites. We also provide one-stop monitoring system for effective implementation in ECM monitoring solution.

Total Suspended Solid (TSS) system





Oxen System TSS monitoring solution equips your business with the following capabilities:

√ 24/7 web-based monitoring

Real time TSS readings and CCTV monitoring (user password protected);

✓ Online Integrated view

Provides integrated information with reference to the legal requirements;

✓ Real-time SMS and Email alerts

SMS and email warning to designated personnel,

✓ Latest technologies

Advanced high efficiency <u>GREEN</u> energy management system in our measuring system to conserve power usage via solar energy.

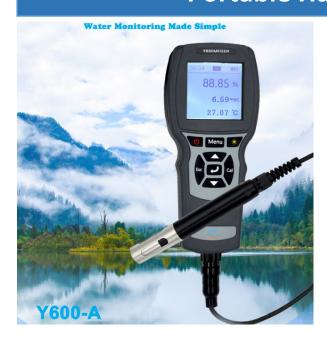


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Portable Hand-Held Meter



Specifications	
0~20mg/L or ~ 200% SAT	
20 seconds	
220 x 96 x 44mm	
460g	
0.01mg/L (0.1% SAT)	
5.38 x 54.38 LCD back	
illuminated	
NTC	
0~50 ℃	
2x18650 Rechargable	
Micro USB	
Up to 5,000 data set	
IP67 waterproof	
Sampling and continuous	
5m (default), custom length available	

Features

- ✓ Support all inhouse digital Sensors and Sonde
- Auto Sensors recognition including optical dissolved oxygen, 4- electrodes conductivity, turbidity, chlorophyll, BGA, OIW and TSS
- ✓ Local data storage up to 5,000 data set
- ✓ USB PC connectivity
- ✓ Easy Sensors calibration
- ✓ Rechargable large capacity battery

Calibration

The instrument supports both single-point and two-point user calibration. Single-point calibration means "100.0%SAT" calibration which performed in water saturated air or air saturated water. For best results, we strongly recommend to use air saturated water solution. Two-point calibration consist of 100.0%SAT and 0%SAT.

0%SAT DO calibration solution: dissolving 1 g or more of dry sodium sulfite (Na2SO3) with 100 mL of distilled or DI water in a container. Stir until fully dissolved or a precipitate form.

100%SAT DO calibration solution : Add approximately 1500mL of distilled water to a 2L beaker, aerate water with a fish tank air diffuser for a minimum of 15 minutes. The water is then 100% air saturated.

Data Log

Specifications

The instrument has about 5000 measurements that can be logged to memory and can be programmed to store measurements in two logging formats. When set to **Data Log/Data Store/Store 1 Times,** the sample data starts to be logged one time. When set to **Data Log/Data Store/Store 50 Times,** the instrument will continually log 50 times with an interval of 2 seconds.



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