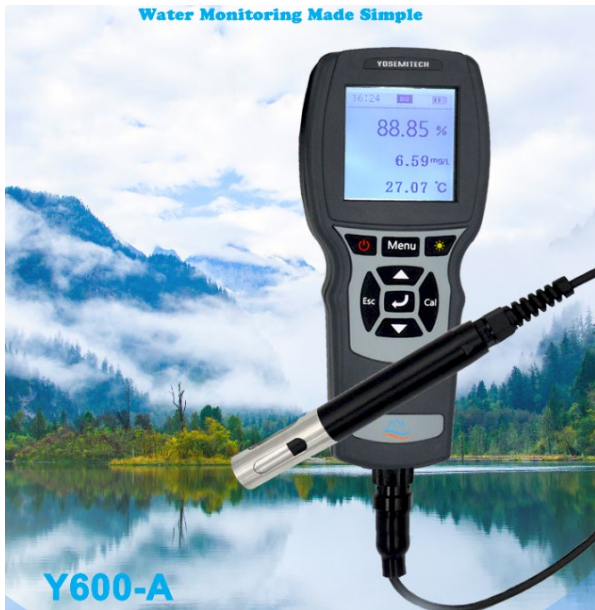


Portable Hand-Held Meter



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
- ✓ Rechargeable large capacity battery

Specifications

Accuracy:	0~20mg/L or ~ 200% SAT
Responsetime:	20 seconds
Meter dimensions:	220 x 96 x 44mm
Weight:	460g
Resolution:	0.01mg/L (0.1% SAT)
Display	5.38 x 54.38 LCD back illuminated
Temperature Sensor	NTC
Operating temperature	0~50°C
Battery type	2x18650 Rechargeable
PC Connectivity	Micro USB
Data Storage	Up to 5,000 data set
Meter IP rating	IP67 waterproof
Data log	Sampling and continuous
Cable length	5m (default), custom length available

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 (Na_2SO_3) 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

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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