



Overview

ZWQ500 multi-parameter water quality meter is a portable five-in-one sensor. It can monitor PH, dissolved oxygen, conductivity, turbidity and temperature at the same time. It can also select extra COD, chlorophyll and cyanobacteria items.

Application

Surface water
Groundwater

Advantage

High reliability
Flexible and portable
Scalability
Various applications
Strong case

Parameter

Measure Items	Measuring Principle	Measure Range	Accuracy	Response Time
Temperature	RTD	-30-130°C	±0.1°C	N/A
pH	Glass Electrode	0-14pH	±0.1pH	<15s
Conductivity	Graphite Electrode	0-200000µS/cm	±1%	<15s
Dissolved Oxygen	Fluorescence	0-20mg/L	±0.1mg/L	<45s
Turbidity	Scattering	0-4000NTU	±5%	<30s
Interface	RS485 (Modbus RTU)			
Power	DC12/24V			