

Temperature/ Level/ Conductivity Meter

GLT500B



INTRODUCTION

GLT500B Temperature/ Level/ Conductivity Meter is a new product specially developed by our company based on the steel ruler water level meter GLT500A. It is a versatile instrument that measures water temperature, water level and water conductivity with one-button switching. With excellent performance, excellent portability, simple operation. It is widely used in various groundwater temperature and level measurement and preliminary judgment on water quality, especially for measuring wells, deep wells, drilling holes and water level pipes. Special working scenes in the wild natural environment with large scale and small space.

FEATURES

- Compact design and easy to carry. The portable design, with a probe diameter of only 18mm, facilitates operation in tight spaces such as deep wells, boreholes and water level pipes.
- Reliable performance and high sensitivity. Integrated fast response circuit design, stable performance, and automatic temperature compensation for conductivity values.
- Easy to use. With one-touch switching, the water level, water temperature and conductivity can be read at one time, greatly reducing the workload.
- Energy saving and environmental protection, complete specifications. Powered by a 9V universal battery, the power consumption is extremely low. The maximum range is 30-300 meters and various specifications are available.
- Selected accessories for durability. The outer casing is made of thick ABS/ metal material, and the probe is made of high quality graphite electrode and 316 stainless steel sheath.
- Smart chip, manual-calibration. After a long period of high frequency service, if there is a large error, you can set it by yourself and re-calibrate it.

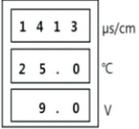
SPECIFICATION

- Water conservancy and environmental protection engineering
- Groundwater level measurement
- Well water level measurement
- Reservoir dam river
- Hydro-geography
- Rural irrigation
- Power station

SPECIFICATION

Items	Data
Level range	Plastic: 30m, 50m, 100m, 150m, 200m, 250m Metal: 300m
Level measurement	Readable value 0.17m - maximum range (depending on model), scale reading, resolution 1mm
Temperature measurement	Temperature measurement Measuring range 0-80°C, digital display, error 0.5 °C, resolution 0.1°C
Conductivity measurement	Measuring range 0-30000 μ s/cm, digital display, error 1%, resolution 1 μ s/cm
Temperature compensation	Automatic linear compensation based on 25 °C
Working environment	Ambient temperature -20~65°C, relative humidity \leq 90%, no condensed water, no strong magnetic field interference
Shell material	ABS reel and handle, metal frame
Wire reel	Color: red, blue, yellow, black material: ABS, diameter: 310mm
Cable	Copper core enameled wire is made of special PE compound, width: 12mm * thickness 2mm
Power	DC 9V universal battery powered
Signal display	Indicator light, buzzer, digital display
Probe	Graphite electrode, 316 stainless steel sheath, diameter 18mm, length 180mm
Packing	Single carton neutral packaging, size: 36*26*44cm

	<p>Water level measurement: Scale reading.</p>
	<p>In the "I" position water level measurement state, when the signal feedback (buzzer, indicator light) is directly read, the scale on the current cable is the instantaneous water level.</p>

	<p>Temperature and conductivity measurement: Digital Display.</p> <p>The measurement results are displayed directly in digital form.</p>
	<p>When measuring conductivity, you need to first measure the water level to ensure that the probe is in full contact with the water being measured.</p> <p>Temperature measurements can be made simultaneously with water level measurements or conductivity measurements.</p>