

## GT-WL Water Level Meter



### Features

- Accurate:**
- 1/100 ft. or millimeter
  - Closely traceable to national standards
  - Conductivity can be adjustable by sensitivity
  - Avoiding false-readings in cascading water
- Reliable:**
- Permanent laser markings
  - Non-stretch PVDF ruler
- Long life:**
- Proof components resist corrosion
  - Pliable and strong tapes
  - Easily splicing and repairing

### Operating Principles

The Model GT-WL Water Level Meters use corrosion proof stainless steel probes attached to permanently marked flat tape, fitted on a well-balanced reel. They are powered by a standard 9 volt battery. The probes incorporate an insulating gap between electrodes. When contact is made with water, the circuit is completed, activating a loud buzzer and a light. The water level is then determined by taking a reading directly from the tape at the top of the well casing or borehole. A sensitivity control allows the buzzer to be turned off while in cascading water, and ensures a clear signal in both high and low conductivity conditions.

### Specifications

Probe diameter	14 mm
Probe length	150 mm
Probe material	Stainless Steel
Tape type	mm markings
Tape coating	Cross linked polyethylene
Tape lengths <sup>1</sup>	30, 50, 100 m
Reel type	Polypropylene
Sound Indicator	Audible buzzer
Visual indicator	Red LED
Power	9 volt PP3 battery

<sup>1</sup> Other lengths are available on request, for order please specify tape lengths

### Measurement Probe



Size	16 mm x 137 mm (Diameter x Length)
Weight	128 g

The Measurement Probe Submersion can reach to 100m, very ideal for measuring total well depth. Probes have a sensor at its tip, which can provides consistent measurements with almost zero displacement. The special design of tape seal plug allows replacing the probe very easy and quickly ( if needed )

### PVDF Laser Ruler



PVDF flat tapes are chose to be installed in the Model GT-WL Water Level Meter because of its extremely durable and easy to splice, traceable to NIST and EU measument standards. Containing 13 strands of stainless steel and 6 strands of copper-coated steel, make the tape non-stretch and high in tensile strength and electrical efficiency. Its design also as a thick dog bone that can prevents adherence to wet surfaces, and allows it to well hang straight in application. Permanent laser marking come also with 10mm tapes every millimeter.