

## WATER LEVEL INDICATOR



### Applications

The CEP Water Level Indicator is designed to measure the ground water level in earth fill embankments, excavation, ground improvement and land reclamation projects.

### Installation of standpipes

PVC access pipes are perforated and covered with geotextile before installing in a drilled borehole to the required depth.

### Monitoring

The ground water level is measured by means of probe attached to an electrical tape with 1 millimeter graduations. A buzzer in the tape reel sounds when the probe comes into contact with the ground water. The depth of the ground water from the top of the borehole is read on the electrical tape.

### Specifications

**Probe:** Stainless steel construction, 17mm (0.67") diameter.

**Tape:** Electrical tape with 1mm graduations.

**Power:** Powered by 2 x AA batteries, cased in the reel hub.

Tape Length (m)	Reel Diameter (mm)	Weight (kg)
30	290	1.8
50	290	2.2
100	380	6.5

\* Products and specifications are subject to review and change without notice.

\* Custom lengths are available. Please contact us to enquire.



# **WATER LEVEL INDICATOR**

## **User Instructions**

The sensitivity knob on the reel panel is used to select the desired sensitivity with the lowest sensitivity for very saline and/or contaminated water and the highest sensitivity for clean water.

To determine the proper setting, turn on the switch and turn the sensitivity switch to the highest setting and lower the probe until it contacts water, the buzzer will sound and the light turned on. Note the level marking on the tape at the sound of the alarm. Raise the probe out of the water and turn sensitivity knob to a lower setting at the point where the light and the buzzer turn off promptly when withdrawing probe from the water.

You can switch off the water level indicator by using the sensitivity knob when not in use in order to conserve battery life. To test the Water Level Indicator, turn on the switch and press the "test" button

The Water Level Indicator is powered by 2 x AA batteries. The batteries can be replaced by removing the screws on the front panel.

## **Care and Maintenance**

- 1.) Always keep the tape wound on the reel when not in use.
- 2.) Do not bend the tape at an acute angle.
- 3.) When the indicator is not in use for a long time, remove the battery before storage.
- 4.) Wash the probe with detergent and rinse with running distilled water to clean after use. Wipe dry after wash.
- 5.) Wipe the reel with a damp cloth. Do not immerse in water.
- 6.) Wash the tape with laboratory grade detergent and rinse with running distilled water. Do not immerse in detergent or water for too long. Wipe dry after wash before wounding onto reel.