Operation
features and benifits

The Water Level Meter is used to measure the standing water level inside a dry barrel hydrant. The Water Level Meter can be used at any angle and can be easily attached to any well, borehole, standpipe etc. that has a metal surface.

Each Water Level Meter is comprised of a metal probe fitted to a flexible cable wire tape that is wound on to a hand-held reel with an ergonomical handle. The cable is connected to an electronic circuit, 3 LED (light) signal indicator and (2) 9 volt batteries and an On / Off switch.

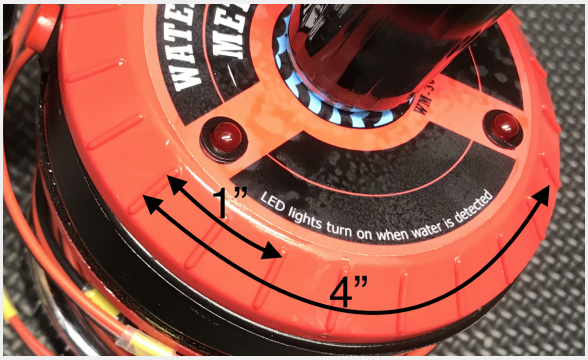
The sensor probe incorporates an insulated gap which acts as a switch, the circuit being completed when contact is made with the water.

The cable consists of a non-stretch flexable wire/tape with copper conductors marked in one foot intervals. Measurements can be done to 1/8" accuraccy using the ruler on the magnet base or 1/2" accursacy using the caps raised lines/notches.

The probe is lowered down the borehole, standpipe, well, etc. When it makes contact with water, the 3 LED's come on (located at the top of the tool).
A reading can then be taken from the measuring cable at the port level to record the depth.

Ensure the unit is turned off to conserve battery life.

Measuring the depth to the closest ½"
- Use the cap's ½" notched lines as a guide
- Place the wire along rubber sides and count notches
- Example: 2 notches equal 1" - 6 notch's equal 3"
- Also, the distance between LED's along rubber sides is 4" (8 notches)



Measuring the depth to the closest 1/8"
- Use the ruler markings on the magnetic base for more accuracy once the closest footage distance is noted.
- Place wire along the ruler, aligning the closest ft marker of the water depth to the zero pount of ruler then add the distances from there, using the ruler
- Image below shows examples