



Global Water

## WL650 Sonic Water Level Meter

Pine Item #51733

### DESCRIPTION:

Global Water's WL650 Sonic Water Level Meter is a self-contained, battery operated meter that uses sound waves to measure well water level. Fast, accurate measurements are possible in the field or anywhere without the use of down-hole water level meters. The Sonic Water Level Meters are lightweight, compact, versatile, and easy to operate.

The water level meter allows you to measure crooked wells, wells with cascading water, partially cased rock wells, wells with submersible pumps, capped or uncapped wells, wells with pipes and wires inside, in fact you can even measure the length of coiled pipe with the water level meter. As long as the obstructions take up no more than half of the bore area the meter will not suffer any loss of accuracy. The sonic water level meter should only be used on wells under 10 inches in diameter as the accuracy decreases with larger diameter wells.

### FEATURES:

#### Sonic Water Level Meter Operation

The WL650 Sonic Water Level Meter is simple to operate. Select either the NORMAL (10-500 feet) or DEEP (200 to 1,200 feet) setting on the DEPTH switch.

#### Ignore distance feature

The factory distance default values for the sonic water level meter are 10 ft ( 3 meters) in Normal mode and 200 ft (60 meters) in Deep mode.

#### Gain/Sensitivity - "Which Gain Setting to Use, Fixed or Variable?"

The Variable gain mode provides, in effect, a rising gain or sensitivity with time. The Variable gain mode is somewhat more susceptible to interference from pump noise or other sources of high ambient noise. The Fixed mode is less susceptible to interference from ambient noise and the secondary return problem.

#### Temperature Control

Obtaining an accurate measurement with the sonic water level meter requires that the temperature setting on the meter be equal to the average air temperature inside the well casing. The temperature setting corrects for the variation of the velocity of sound with the air temperature in the well bore.



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## Product Specifications

<b>Measurement range:</b>	Normal 10-500 ft (3-152 m), Deep 200-1200 ft (61-366 m)
<b>Display resolution:</b>	0.1 ft



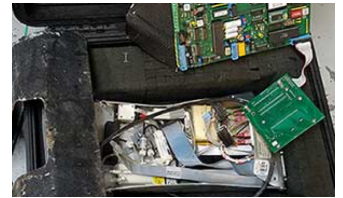
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