



Data Digger Equipment

## Data Digger Equipment

568 K/240 Krishnapalli, Alambagh, Lucknow. PIN 226005

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### WATER LEVEL METER



The Water Level Meter Sounder is used for measuring the depth of water in wells, Borehole, Stand Pipe's and Tanks. The Water Level Meter are industry standard for portable hand operated meters. They are sturdy, Easy to Use and read accurately to 1/100 Meters or each Millimetre. Convenient Cable tape is easy to handle and winds up neatly on the reel.

Resolution: 1MM by Manual Scale Tape between cable marks of 1meter/ 1 Feet.

Easy Electronic removal/battery replacement(Standard)

Sensing point at bottom of the Probe.

Sturdy Reel is built from a robust, crack resistance material.

Cable reel holder has a Handle and convenient holder for the Probe.

#### Features:

##### ❖ Accurate:

- Marking each 1/100 Meter & in Millimetres.
- Tape manufactured and tested to ASME requirements.
- Sensitivity to conductivity.
- Prove avoid false reading in cascading water.

##### ❖ Reliable

- Permanent Laser Markings
- Non-stretch PVDF flat tape with stainless steel conductors.

##### ❖ Long Life

- Rugged, corrosion proof components.
- Strong, flexible tapes.
- Easy to splice and repair.

##### ❖ Flexible

- PVDF replacement tapes are interchangeable with other meters.

#### Benefits:

Convenient cable is easy to handle and winds up neatly on the reel.

Resolution: 1mm

Easy electronics removal 9V battery replacement. (Standard Battery)

16mm OD Probe Material Stainless steel and Teflon.

Sensing Point at Bottom of Probe.



AN ISO 9001:2015 Certified Organization  
Certificate No: 304920053008Q



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Tape Marking in Millimetres.  
Sturdy Cable is built from a Robust, crack resistant material.  
Cable Drum has a handle and convenient handle for Probe.

### **Operation:**

To measure the water level on any standpipe or well the operator lowers the probe in the Standpipe or Well. When the probe makes the contact with water, the indicator light illuminates and the beeper sounds. Then the operator reads the depth-to-water measurement from the graduations on the cable.

### **Taking Readings:**

Lower the probe into the well. When the probe touches water, lights turns on and beeper sounds. Hold Cable against reference and read depth to water from cable marks.

Example: Top of the well is your reference.

When probe touches water, hold cable against top of the well. Then note which cable mark aligns with the top of the well.

Indicator beeps and shuts of automatically after 10 minutes.

### **Description:**

The Water Level Indicator is designed to measure elevation of groundwater in well or Borehole. It is employ a high accuracy, non-stretch, Cables reel marked at every Meter or Foot.

Water Meter is supplied on a sturdy reel complete with brake and carrying Handle. Features include stainless steel probes which allow accurate level determination under cascading water condition. The Light, Buzzer, test switch as standard.

The two conductor cable serves to both power the probe and connect the probe to the output circuit board. An insulating gap in the probes serves as switch, closing upon contact with the water. The signal is amplified and fed to the Light/Buzzer thereby signalling contact with the water. Elevation of the water table is then read directly from the cable and scale.

### **Specification:**

Cable Length 100M  
Tape Tension 5Kg  
Probe Material: Stainless Steel and Teflon  
Accuracy:  $\pm 1\text{MM}$   
Standard Probe Dimension: 16mm\*190mm

### **Accessories:**

Vinyl Carrying Case  
Tape Guide/ Datum  
Electronic Module Replacement.  
Replacement Tape and Probe



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