

Water level meter



Description

Model 4650 **Water level meter** consists of a reel frame with a graduated 50m~500m tapes and a probe.

When the probe is lowered down and contact with water, a LED visual and a buzzer audible signals are emitted.

As the tape is covered the polyethylene jacket that is reinforced the wire rope, preventing from corrode and contamination. As the linked part between probe and tape are processed in framework, the semi-permanent precision measuring is possible without a risk of breaking the wire and a short.

In case of using PVC stand pipe, it can be used after installing the filter tip.

To be used for expert, the reel is manufactured as product of ABS injection molding.

Applications

The water level meter is useful to measure the water level in stand pipes or observation hole.

Features

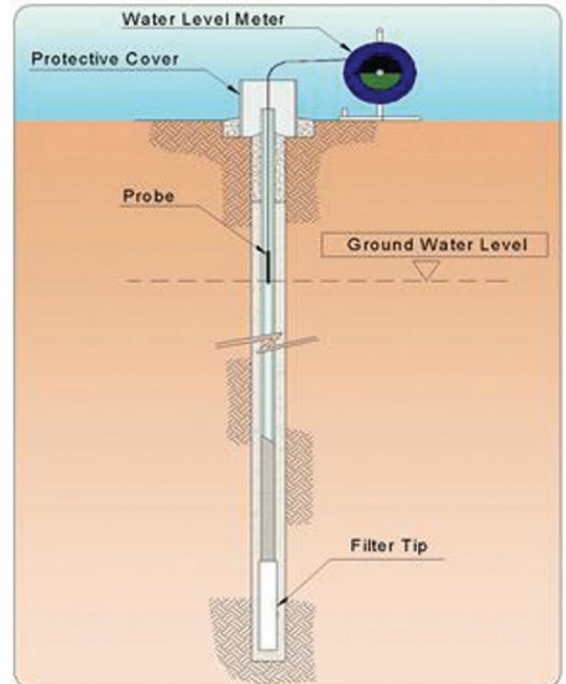
- Frame material : stainless steel pipe
- Exchangeable battery by a operator
- The semi-permanent use in wire rope reinforced poly jacket
- 1mm graduations
- Long battery life provided by low power circuits
- Usable in more than 1 inch measuring well

Ordering information

- Application field
- Dimension of stand pipe
- The depth of borehole

Ancillary equipments

- Filter tip
- PVC pipe ($\varnothing 30 \times \varnothing 38 \times 4,000\text{mm}$), and coupling
- Protective cover (PC-50)



[Installation of model 4650]

Specification

Model	4650						
Water level meter	Power	9VDC (6F22) battery 1 no					
	Range	50m	100m	200m	300m	350m	500m
	Weight	2.5kg	4.5kg	8.0kg	10kg	12kg	15kg
	Dimensions	152(W) \times 28(L) \times 282(H)m			400(W) \times 400(L) \times 400(H)m, or more less		
	Resolution of tape	1mm					
	Precision of tape	ISO first grade					
	Probe	STD: $\varnothing 19.5 \times 180\text{mm}$, optional $\varnothing 14 \times 180\text{mm}$					
Material	Frame	stainless steel pipe					
	Probe	stainless steel pipe					
	Reel	ABS extruding injection					
	Tape	polyethylene coated steel tape					
Function	<ul style="list-style-type: none"> • Mounted a knob for adjustment of sensitivity • Mounted TEST switch • Mounted ON/OFF switch 						
Filter tip	Material	Polyethylene filter or ceramic filter					
	Density	50 μm					
	Dimensions	$\varnothing 39 \times 365\text{mm}$ ($\varnothing 30 \times \varnothing 38$ for stand pipe)					

Notice

[Model 4550 can be used in two functions of water level meter and magnetic extensometer at the same time. The inconvenience measuring separately can be solved.]