

## 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 ABS stand pipe, it can be used after installing the filter tip.

### Applications

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

### Features

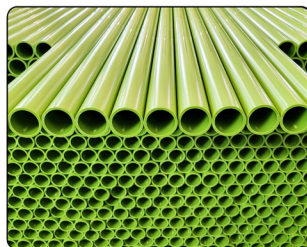
- Frame material : stainless steel pipe
- Exchangeable battery by a operator
- The semi-permanent use in wire rope reinforced tape
- 1mm graduations
- Long battery life provided by low power circuits
- Usable in more than 1 inch measuring well

### Ordering information

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

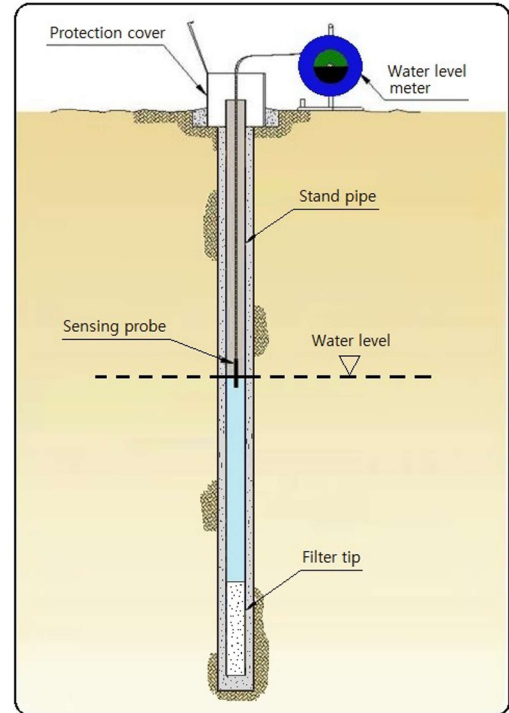
#### [Casing for water level meter]

Our company manufacture and supply ABS pipe (Model WL Casing) of  $\varnothing 31 \times \varnothing 38 \times 3,000\text{mm}$  for water level meter.



### Ancillary equipments

- Filter tip
- Protective cover (PC-50)
- ABS pipe ( $\varnothing 31 \times \varnothing 38 \times 3,000\text{mm}$  / 1kg), and coupling



[Installation of model 4650]

### Specification

Model	4650					
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					
Water level meter	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"> <li>• Mounted a knob for adjustment of sensitivity</li> <li>• Mounted TEST switch</li> <li>• Mounted ON/OFF switch</li> </ul>					
Filter tip	Material	Polyethylene filter or ceramic filter				
	Density	50 $\mu\text{m}$				
	Dimensions	$\varnothing 39 \times 365\text{mm}$ ( $\varnothing 38$ 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.