

TECHNOLOGY

**HOLYKELL®**

# **HLM** **LEVEL** • DATASHEET •

- 1. Pressure Measurement   2. Level Measurement   3. Temperature Measurement**  
**4. Flow Measurement   5. Display & Control Instruments**  
**6. Wireless Monitoring System   7. Velocity Measurement**

HLM series

Water Level Meter

Applications

- Environmental projects
- Water conservancy
- Dam power station
- Agricultural Irrigation
- Under ground well water
- Depth in wells, boreholes, standpipe, and tanks
- Hydrological monitoring

Features

- Self-contained power supply using a standard small 9V battery
- Resolution 1 mm or 1/100 ft
- The corrosion-proof stainless steel probe is submersible up to 1640 ft. (500 m)
- Audio alert beeper and LED indicate contact with the water
- Water and dust proof encapsulated electronics
- Durable polyester powder coated steel frame

Profiles

HLM series water level meter with laser marked tape for accurately measuring the depth of water in wells, boreholes, standpipes and tanks. They are sturdy, easy to use and read accurately to 1/100 ft. The HLM series water level meter is supplied on a sturdy winding reel complete with a brake and carrying handle. Features include a shrouded stainless steel probe (allows accurate level determinations under cascading water conditions), a buzzer (with adjustable volume control), and sensitivity control as standard. An optional tape guide/datum acts as a reference point and also prevents tape abrasion from the casing edge. The moisture resistant electronics and standard 9V battery are housed in the front for quick and easy access



Materials

Wetted Parts	Standard	Option
Probe	Stainless steel 304	
Reels	ABS	Metal
Frame	polyester powder coated steel	

### Specifications

Ambient Temperature: 25°C (unless specified)

Parameters	HLM				
Measuring Depth(m)	0~30	0~50	0~100	0-150	0-500 optional
Minimum indication(mm)	1 mm				
Repeat indication (mm)	±2.0				
Reels color	Black,blue,yellow,red				
Reels material	ABS	Metal			
Weight (kg)	3.5	4.5	6.5	10	
Power supply(V)	9V battery				
Temperature	-20°C~+60°C				
Response time for output	≤1ms				
Adaptation range	10μω~1000μω(water quality)				
Measurement signal	LED, buzzer, electricity meter				
Construction of cable	Conductor: Multi-strand tinning copper wires twisted core Wire:Special PP mixed insulation ecderon:Special PUR or PE mixed ecderon color:natural color				
Dimension	Probe Diameter: 14mm Ruler Width: 9.8mm				



### How to Order

## HLM

TAPE LENGTH	PART NO.	
	ABS reels	Metallic reels
30m	HLM-ABS-30	HLM-MET-30
50m	HLM-ABS-50	HLM-MET-50
100m	HLM-ABS-100	HLM-MET-100
150m <sup>*</sup>	HLM-ABS-150	HLM-MET-150
200m <sup>*</sup>	HLM-ABS-200	HLM-MET-200
300m <sup>**</sup>	HLM-ABS-300	HLM-MET-300
400m <sup>***</sup>	N/A	HLM-MET-400
500m <sup>***</sup>	N/A	HLM-MET-500

Alternate tape lengths available upon request.

\* Mounted on a medium sized reel.

\*\* Mounted on a large sized reel.

\*\*\* Mounted on an extra large sized reel.

Part number / tape length.  
Temperature option, if required.  
Accessories required.