



# IN-SITU

## Water Level Meter 100 & 200



**DURABLE, EASY-TO-READ TAPES IN VARIOUS SIZES AND LENGTHS. THE IN-SITU WATER LEVEL METER 200 IS THE PREMIER ENGINEER-GRADE TAPE DESIGNED FOR GROUNDWATER PROFESSIONALS, WITH HIGH-TENSILE STEEL TAPE AND STAINLESS STEEL CONDUCTORS. THE WATER LEVEL METER 100 IS AN ECONOMICAL MODEL, WITH A KEVLAR-REINFORCED POLYETHYLENE TAPE AND STAINLESS STEEL CONDUCTORS.**

### BE EFFECTIVE

- **Reduce costs:** In-Situ Water Level Meters offer durability and accuracy at prices to fit varying budgets and needs. The integrated well hanger, guide, and break allow for easier deployment, saving time and money in the field. Flexible tape winds smoothly onto reel and does not stick to wet surfaces and well casings, and vinyl-coated carrying handle is ergonomically designed for easy tape rewinding.
- **Reduce equipment:** With static and drawdown modes, the same meter can take static level readings and then switch to drawdown mode to perform low-flow and pump tests – saving you time and money. The IP68-rated probe can be submerged in depths of up to 300 m (1,000 ft) to determine the bottom of the well.
- **Protect your investment:** The safety disconnect feature enables the probe to be released from the tape if it gets trapped inside the well, protecting your investment. The quick-connect probe can be easily and reliably replaced in the field – there's no need to send the meter in for repair.

### BE RELIABLE

- **Log accurate data for years:** High-strength tape reduces stretching, ensuring accurate readings over the lifetime of the meter. By adjusting the sensitivity dial, the probe can be adjusted to compensate for false readings caused by cascading water. Additionally, the sensor design provides accurate measurements with almost zero displacement.
- **Worry-free, field-ready design:** Corrosion-resistant probe and protected electronics prevent wear and tear. Reels stand up to field use, with durable flanges that are constructed of impact- and UV-resistant nylon.
- **Ensure long-lasting operation:** Polyurethane-coated steel frame and stainless steel axle increase longevity. The built-in roller bar guards the tape from rough or jagged well casings, and the optional padded carrying case protects the meter between job sites.

### BE IN-SITU

- **Water Level Meters come with a 5-year warranty, and are fully serviceable with all parts replaceable.**
- **Order parts and accessories from the In-Situ website.**
- **Receive free, 24/7 technical support and online resources.**

### Applications:

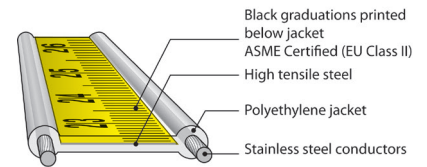
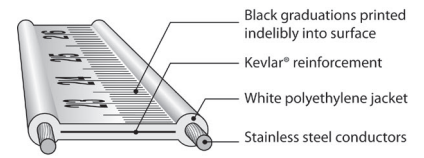
- DEPTH-TO-WATER MEASUREMENTS
- PUMP AND SLUG TESTS
- LOW-FLOW SAMPLING EVENTS
- DEWATERING APPLICATIONS

GENERAL	WATER LEVEL METER 100	WATER LEVEL METER 200	
<b>TAPE</b>			
CONSTRUCTION	Kevlar-Reinforced Polyethylene	High Tensile Steel with Polyethylene Jacket	
WETTED MATERIALS	Polyethylene, Santoprene, Delrin, PVC	Polyethylene, Santoprene, Delrin, PVC	
WIDTH	1 cm (0.4 in)	1 cm (0.4 in)	
WEIGHT	0.63 kg per 30 m (1.4 lbs per 100 ft)	0.63 kg per 30 m (1.4 lbs per 100 ft)	
LABELS	Feet and tenths Meters and centimeters	Feet and tenths Meters and centimeters	
MARKINGS	1 mm (0.01 ft)	1 mm (0.01 ft)	
BREAK STRENGTH	45 kg (100 lbs)	127 kg (280 lbs)	
CERTIFICATIONS	CE, WEEE, RoHS Compliant	ASME (EU Class II), CE, WEEE, RoHS Compliant	
<b>PROBE</b>			
DIAMETER	16 mm (0.625 in)	16 mm (0.625 in)	
LENGTH	13.5 cm (5.3 in)	13.5 cm (5.3 in)	
WEIGHT	87 g (3.1 oz)	87 g (3.1 oz)	
ENVIRONMENTAL RATING	IP68	IP68	
PRESSURE RATING	Up to 500 psi	Up to 500 psi	
WETTED MATERIALS	Stainless Steel, Delrin	Stainless Steel, Delrin	
SAFETY DISCONNECT*	34 kg (75 lb)	34 kg (75 lb)	
FIELD REPLACEABLE	Yes	Yes	
<b>REEL</b>			
	<b>SMALL</b>	<b>MEDIUM</b>	<b>LARGE</b>
TAPE LENGTHS	30 m, 100 ft 60 m, 200 ft	100 m, 300 ft 150 m, 500 ft	250 m, 750 ft 300 m, 1,000 ft 400 m, 1,250 ft 600 m, 2,000 ft
WIDTH	36 cm (11 in)	38 cm (14 in)	46 cm (18 in)
HEIGHT	31 cm (12 in)	41 cm (16 in)	56 cm (22 in)
REEL WEIGHT	2.3 kg (5 lb)	4.1 kg (9 lb)	6.8 kg (15 lb)
POWER MANAGEMENT	On/Off Switch	On/Off Switch	On/Off Switch
POWER SOURCE	9 volt Alkaline	9 volt Alkaline	9 volt Alkaline
MODES	Static and Drawdown	Static and Drawdown	Static and Drawdown
SELF TESTS	Probe Circuit Tester	Probe Circuit Tester	Probe Circuit Tester
WATER LEVEL INDICATORS	LED and Buzzer	LED and Buzzer	LED and Buzzer
SENSITIVITY CONTROL	Variable Sensitivity Dial	Variable Sensitivity Dial	Variable Sensitivity Dial
BRAKE	Adjustable	Adjustable	Adjustable
WELL HANGER	Integrated	Integrated	None
TAPE GUIDE	Roller Bar	Roller Bar	Well Mounted
OPTIONAL ACCESSORIES	Small Carry Bag	Medium Carry Bag	Tape Guide
<b>WARRANTY</b>	<b>Water Level Meters: 5 years / Probe: 2 years</b>		



**ACCURATE TAPES**

Kevlar®-reinforced polyethylene or high-tensile steel tapes:



**SUBMERSIBLE PROBE**

Stainless steel and Teflon-coated probe is pressure rated up to 500 psi. A security link prevents tape damage by releasing the probe if it becomes stuck in the well.



**IMPACT-RESISTANT REELS**

1. Battery Compartment
2. Indicator LED
3. Buzzer
4. Sensitivity Dial for Cascading Water
5. Reel Handle
6. Drawdown Mode Button



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