



**HERON**  
INSTRUMENTS INC.  
Groundwater Monitoring

## dipper-T Water Level Meter

Now with **drawDown** Mode

Length options: 50ft/15m to 2000ft/600m

Warranty: 5 years, probe 1 year

The **dipper-T** water level meter is a topline, top quality instrument used for measuring **static** and **falling** head levels in wells and boreholes. With a touch of a button the unit changes from **static** to **drawDown** mode; a dual function unit at an affordable price.

The **dipper-T** in **static** mode is used for measuring the depth of water in wells, boreholes and standpipes. The **dipper-T** in **drawDown** mode may be used for measuring **falling** water levels during purging, well development and for low flow sampling; helping to protect your pumps from damage caused by dry running.



### Features included with the dipper-T:

- **Electronic Module (IP65)** – mode selectable for **static** and **drawDown** levels, removable for easy cleaning and servicing
- **Probe (IP68)** – fully pressure/depth rated, **field replaceable** for optional casing or bottom detector probes
- **Steel Tape** – high tensile steel, jacketed with polyethylene, high break strength, stretch resistant and lifelong legibility
- **Padded Carry Case** – to protect your **precision** water level meter from the elements
- **Tape Guide And Hanger** – to support the meter at the well head and to **protect** the tape from sharp edges on the well casing
- **Vinyl Holding Grip** – molded to the frame, **ergonomic** easy grip
- **Winding Handle** – custom made for **easy rewinding** with gloved hands

### Available options:








- Narrow 3/8 inch probe (not removable)
- Well depth indicator probe
- Well casing indicator probe
- Potable Water only model

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## WATER LEVEL METERS


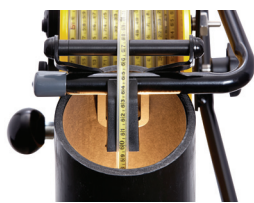
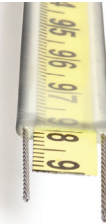

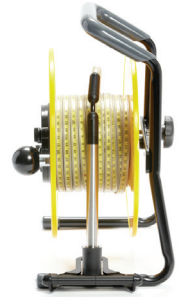
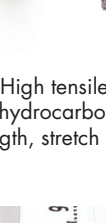

### SELECTION GUIDE:

		Tape (see below for details)	drawDown Electronics	Fully Submersible Probe	Field Replaceable Probe	3/8" Narrow Probe Available (not detachable)	Tape Guide and Hanger	Audio/Visual Sensor	9 Volt Battery	Temperature	Padded Carry Case	Cloth Carry Case	5 Year Product and 1 Year Probe Warranty *	3 Year Product and 1 Year Probe Warranty *	Tape lengths**	
<b>WATER LEVEL METERS</b>	 <b>dipper-T</b>	A	•	•	•	•	•	•	•		•		•		50ft/15m to 1000ft/300m	
	 <b>water tape</b>	C		•		•	•	•				•		•	100ft/30m to 1000ft/300m	
	 <b>Little Dipper</b>	A	•	•	•	•	•	•	•		•				•	75ft / 22m
	 <b>Skinny Dipper</b>	C			‡			•	•	•		•			•	100ft/30m to 500ft/150m
	 <b>mega reel</b>	A C	•	•	•	•		•	•		•				•	1500ft/400m and up
<b>CONDUCTIVITY/ TEMPERATURE WATER LEVEL METERS</b>	 <b>conductivity plus</b>	A		•	•		•	•	•	• 50°C	•				•	100ft/30m to 1000ft/300m
	 <b>dipper-Temp</b>	B		•	•		•	•	•	• 110°C	•				•	100ft/30m to 500ft/150m

\* Warranties cover manufactured defect.

\*\* Longer tape lengths and Power Reel are available.


‡ Pressure rated to 300ft/100m for up to 20 minutes.

 <p>Fully pressure/depth rated, IP68 field replaceable probes</p>	 <p>Tape Guide and Hanger</p>	 <p><b>A</b> = High tensile steel tape, jacketed with polyethylene, high break strength, stretch resistant and lifelong legibility</p>
 <p>Padded Carry Case</p>	 <p>Rewinding Handle and Vinyl Holding Grip</p>	 <p><b>B</b> = High tensile steel tape, jacketed with heat and hydrocarbon resistant Kynar, high break strength, stretch resistant and lifelong legibility</p>  <p><b>C</b> = White polyethylene tape, reinforced with stretch resistant Kevlar</p>

### HERON INSTRUMENTS INC.

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Please visit our website [www.heroninstruments.com](http://www.heroninstruments.com) for more information on the complete Heron line.

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### ONE UNIT - FOUR FUNCTIONS

Length options: 50ft/15m to 2000ft/600m | Warranty: 5 years, probe 1 year

The dipper-T water level meter can be conveniently converted to a multi-functional instrument not only able to measure static and falling head levels but also to determine the length of casing and well depth. The water level sensing probe can be easily removed at the link connection and substituted with either the optional Well Casing Indicator Probe\* or Well Depth Indicator Probe\* (see reverse). The **FOUR FUNCTION** capability of the dipper-T water level meter makes this unit an asset to groundwater professionals and rural property owners during the construction of new wells, maintaining wells or decommissioning abandoned wells.

- **Static Mode** – for measuring the depth of water in wells, boreholes and standpipes
- **drawDown Mode** – for measuring falling water levels during purging, well development and for low flow sampling

- **Well Casing** – to measure the depth of metal casing in wells and boreholes from two inches in diameter and upward
- **Well Depth** – to measure full depth in wells and boreholes

*\*Sold separately*



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# Accessories for the dipper-T Water Level Meter

The Heron Well Casing Indicator Probe and the Well Depth Indicator Probe are ideal accessories for the dipper-T water level meter, making this unit multi-functional for all of your water level measuring needs. The dipper-T allows the user to change functionality from water level meter mode to well casing indicator or well depth indicator by simply changing the probe at the link connection.

## Well Casing Indicator Probe

Part number: 1503 | Warranty: 1 year



The Well Casing Indicator Probe is used to measure the depth of metal casing in wells and boreholes from two inches in diameter and upward. The Well Casing Indicator Probe works using magnetism. While the probe sits within the magnetic field of the steel casing, an auditory and visual signal is active. When the probe leaves the magnetic field the signal stops. The well casing measurements are taken directly from the tape. Note: The datum point indicator is on the back of the probe holder.

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## Well Depth Indicator Probe

Part Number: 1502 | Warranty: 1 year



The Well Depth Indicator Probe (or bottom detector) is used to measure full depth in wells and boreholes. The Well Depth Indicator Probe uses a pressure sensitive plunger to measure the distance to the bottom of the well. When the Well Depth Indicator Probe reaches the bottom of the well, the plunger enters the probe body closing a switch, initiating an audible and visual signal at the top of the well. The well depth reading is taken directly from the tape.

Note: The datum point indicator is on the back of the probe holder.

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