



**HERON**  
INSTRUMENTS INC.  
Groundwater Monitoring

## dipper-T Water Level Meter

### 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*



[www.heroninstruments.com](http://www.heroninstruments.com)



# 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.

### 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.

 Made in Canada



## dipper-T Static, drawDown, Well Casing & Well Depth Specifications

Reel Assembly:	Standard	Large	Double
Height	36cm (14.2")	50.5cm (20")	50.75cm (20")
Depth	21cm (8.3")	27.6cm (10.9")	51cm (20.08")
Width	29cm (11.4")	42cm (16.5")	36.75cm (14.5")
Weight (Reel Assembly Only)	2.30kg (5.1lb)	4.56kg (10.05lbs)	7.08kg (15.65lbs)
Plate Size	26.67cm (10.5")	30.48cm (12") 40.64cm (16")	30.48cm (12")
Plate Material	Nylon	Aluminum	Aluminum
Brake	Ergonomic Dial	Ergonomic Dial	<b>Not Available</b>
Hanger	Included on frame leg	Included on frame leg	
Tape Guide	Included on frame leg	Included on frame leg	No
Test Points	On back of frame	On back of frame	Use Conductive Material
Tape Lengths	15m, 50ft 30m, 100ft 45m, 150ft 60m, 200ft 100m, 300ft 150m, 500ft	200m, 750ft 300m, 1000ft	450m, 1500ft 600m, 2000ft + 600m/2000ft Power Reel Available
Tape:		Electronic Panel:	
Tape	High Tensile Steel	Operating Mode	Static & drawDown
Jacketing	Polyethylene	Power Source	9 Volt Alkaline
Conductors	7 strand (4 S/S & 3 copper)	Sensitivity Control	S/S & Aluminum
Markings	Metric or Engineering Scale - Under Jacketing	Audio/Visual Indication	Ultra Bright LED & 80dbi Buzzer
Width	.952cm (3/8")	Rating	IP65
Dog Bone Profile	Yes	Removable	YES
Break Strength	127kg (280lbs)	Maximum Temperature	80°C
Probe:		Included & Optional:	
Weight	158g (.348lb)	Padded Carry Case	Included
Length	248mm (9.75")	Well Depth Indicator Probe	Optional
Diameter	16mm (.625")	Well Casing Indicator Probe	Optional
Removable	Yes	Warranty:	5 Year (Probe 1 Year)
Depth Rating	IP68		
Break Strain	68kg (150lbs)		
Wetted Material	S/S, Viton, Nylon, ABS & Teflon		