

WATER LEVEL METERS / BOREHOLE INSPECTION CAMERAS / DATA LOGGERS

*30 years*

**OF GROUNDWATER  
MONITORING EQUIPMENT**



**HERON  
INSTRUMENTS INC.**

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

☀ Drawdown

Automatic sensitivity adjustment

**dipper-T**

Auto-Sense Four Function Water Level Meter

Series 1100

**2025**  
**Product Catalogue**

[WWW.HERONINSTRUMENTS.COM](http://WWW.HERONINSTRUMENTS.COM)

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Free: 1-800-331-2032  
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USA

## Place an Order

**By Email:** [orderdesk@heroninstruments.com](mailto:orderdesk@heroninstruments.com)  
**By Phone:** 905-628-4999 or 1-800-331-2032

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## Service & Repair

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**Data Logger Service**  
[loggersupport@heroninstruments.com](mailto:loggersupport@heroninstruments.com)

**Camera Service ext.**  
[camerasupport@heroninstruments.com](mailto:camerasupport@heroninstruments.com)

Please call the main line and dial **4** for service

## Member Associations:



Ontario Ground  
Water Association





Coming Soon ...

FOR  
LANDFILL  
SITES



For more information and details  
contact us at  
[info@heroninstruments.com](mailto:info@heroninstruments.com)



**PFAS FREE**

**MOST METERS NOW  
PFAS FREE!**

**SEE SERIES**

**1100, 1200, 1300,  
1500, 1700, 1800,  
1900 &  
optional 1600**



**Well Belt**

**Secure your unit to the well  
for EASY Rewind**



**Electronic Panel  
with Volume Control**



**TAPE MARKER**

**Safely know when your probe is  
approaching**



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## WHY HERON PRODUCTS ARE SUCH HIGH QUALITY!

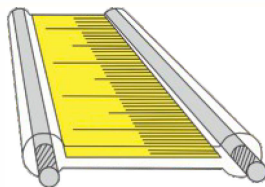
**ALL OF OUR PRODUCTS ARE HAND ASSEMBLED AND SOLDERED BY QUALIFIED  
TECHNICIANS THAT TAKE PRIDE IN EVERYTHING THEY BUILD.**

**WE ARE SO FORTUNATE TO EMPLOY SUCH A GREAT STAFF!**



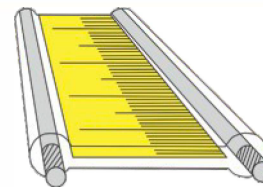
## A - Premium Accuracy/Quality Polyethylene

- **ASME-Certified**
- High tensile **steel core tape**
- **Polyethylene Coating**
- High break strength
- Stretch resistant
- Lifelong legibility
- Dog bone Profile



## B - Premium Accuracy/Quality Kynar™

- **ASME-Certified**
- High tensile **steel core tape**
- **Kynar™ Coating** (+Chemical Resistance)
- High break strength
- Stretch resistant
- Lifelong legibility
- Dog bone Profile



(A, B) Heron Instruments stainless steel core, polymer jacketed tape is certified to the following ASME and Military standards:

ASME B89. 1.7-2009 Certified  
MIL-STD-45662A Certified  
Certification transferred to ISO 10012-2003 in 2015

(A, B) Heron Instruments stainless steel core, polymer jacketed tape is compliant with the following standards:

FED GGG-T-106F Compliant  
EEC Class II Compliant  
USGG-T-106F Compliant



# Water Level Meters

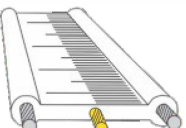
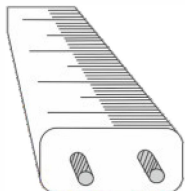
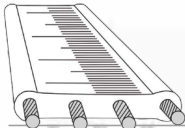
(Series 1100, 1200, 1300, 1400, 1500, 1900, 4000)

Our water level meters are designed for well drillers, consultants, hydrogeologists and other groundwater professionals who require the most accurate measurements for their projects.

Heron water level meters are manufactured to be modular for easy cleaning and servicing. Each meter comes with a rugged protective case to store and easily transport your instrument.

ALL tapes marked in engineering scale (1/100') or metric (mm, cm).

Water Level Meter Selection Chart							
	dipper-T (Series 1100)	dipper-T2 (Series 1200)	LongLiner (Series 4000)	dipper-Tough (Series 1400)	Water Tape (Series 1900)	SKINNY DIPPER (Series 1300)	dipper-Tag (Series 1500)
Static Levels	✓	✓	✓	✓	✓	✓	
Drawdown	✓	✓	✓	✓	✓	✓	
Fully Pressure Rated Probe	✓	✓	✓	✓	✓		✓
PFAS Free	✓	✓	✓		✓	✓	✓
3/8" Probe Option		Optional	Optional	Optional	Optional		
Detachable Probe	✓	✓	Optional		✓		✓
Well Depth Indicator Probe (option)	✓		✓				
Steel Casing Indicator Probe (option)	✓		✓				
Motorized	Optional	Optional	✓				
Tape Type (See Chart Below)	A	A	A	B	C	D	C

C - Polyethylene Grade	D - Narrow Polyethylene Grade	E - Polyethylene Grade (Camera)
<ul style="list-style-type: none"> <li>Durable <b>Polyethylene</b> tape</li> <li>Reinforced with stretch resistant Kevlar</li> <li>Dog bone profile</li> </ul> 	<ul style="list-style-type: none"> <li>1/4" (6.5mm) Wide</li> <li><b>Polyethylene</b> tape</li> <li>S/S conductors (2)</li> <li>Oval profile</li> <li>Better than coaxial cable (+Legibility)</li> </ul> 	<ul style="list-style-type: none"> <li>Durable <b>Polyethylene</b> tape</li> <li>4 High efficiency copper conductors</li> <li>Dog bone profile</li> </ul> 

- Measures **depth to water** accurately
- Easily collect **Drawdown** data to calculate well production
- **PFAS** free tape and probe
- Removable probe options:
  - Well Depth Indicator Probe
  - Well Casing Indicator Probe




TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1102-30M	1102-100F	700
45M / 150FT	1102-45M	1102-150F	762
60M / 200FT	1102-60M	1102-200F	839
100M / 300FT	1102-100M	1102-300F	978
150M / 500FT	1102-150M	1102-500F	1257
200M / 750FT	1102-200M	1102-750F	1777
300M / 1000FT	1102-300M	1102-1000F	2197

**FOR LONGER LENGTHS SEE PAGE 12**

OPTIONS	PART #	ADD
Compatible Well Depth Probe	1101-2	294
Compatible Well Casing Indicator Probe	1102-2	319

- Premium Stainless Steel Polyethylene Coated Tape (A) Included:
- 5/8" (16mm) Water Level Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals plus adjustable volume control
- Now with **Auto-Sense** to automatically filter out cascading water
- Vinyl, ergonomic holding grip
- 9V Battery
- Padded Storage/Carrying Case Included

## Water Level Meter Bundle

		
<b>dipper-T Four Function Bundle</b>		
DESCRIPTION	PART #	\$USD
Well Depth indicator Probe Well Casing indicator Probe	VB11-2	576

For Longer Lengths  
See  
LongLiner  
page 12



# Replacement Parts

## dipper-T (Series 1100)

### Tape & Link Replacement

(A) Polyethylene Coated Steel Tape with Connector Link Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1130-2-M	11100-2-F	323
60M / 200FT	1160-2-M	11200-2-F	476
100M / 300FT	11100-2-M	11300-2-F	631
150M / 500FT	11150-2-M	11500-2-F	942
200M / 750FT	11200-2-M	11750-2-F	1332
300M / 1000FT	11300-2-M	111000-2-F	1719

FOR LONGER LENGTHS SEE PAGE 13

### Connector Link

DESCRIPTION	PART #	\$USD
Connector Link Replacement	1108-2	69

### Water Level Meter Probes (Detachable)

DESCRIPTION	PART #	\$USD
Auto-Sense 5/8" (16mm) Probe	1109-2	202
Well Depth Indictaor Probe	1101-2	294
Well Casing Indicator Probe	1102-2	319

### Electronic Panel

DESCRIPTION	PART #	\$USD
Auto-Sense Electronic Panel	1121-2	223

### Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder,  
Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1130-2	393
Large Reel	1133-2	573

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe  
Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114
Well Belt	1165	24

### Plates Kit -

Front & Back Plates with Handle and  
Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon- Standard Frame	1166-2	129
13.5" (34cm) Aluminum- Large Frame	1169-2	160



1102-2

1101-2



Carry Case (1154)

- Measures **depth to water** accurately
- Easily collect **Drawdown** data to calculate well production
- **PFAS** free tape & field replaceable probe



### Included:

- Premium Stainless Steel Polyethylene Coated Tape (A)
- 5/8" (16mm) Water Level Probe (IP68) w/holder. Field Replaceable
- Electronic Panel with audio and visual signals plus adjustable volume control
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- Padded Storage/Carrying Case Included

### Certifications

c-QPS-us LR3030  
 Class I, Div 1, Groups CD T3;  
 Ex ia IIB T3 Ga  
 Class I, Zone 0, AEx ia IIB T3 Ga  
 IECEx QPS 23.0008X  
 Ex ia IIB T3 Ga  
 QPS23ATEX5003X  
 CE 2900 Ex II 1G  
 3CT 23UKEX1002X  
 UK 2900 Ex II 1G  
 T<sub>Amb</sub> (Probe) = -45°C to +135°C  
 T<sub>Amb</sub> (Reel) = -45°C to +55°C



\*adding accessories voids above certification

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
22M /75FT	1202-22M	1202-75F	656
30M /100FT	1202-30M	1202-100F	700
45M /150FT	1202-45M	1202-150F	762
60M /200FT	1202-60M	1202-200F	839
100M/300FT	1202-100M	1202-300F	978
150M /500FT	1202-150M	1202-500F	1257
200M /750FT	1202-200M	1202-750F	1777
300M/1000FT	1202-300M	1202-1000F	2197

FOR LONGER LENGTHS SEE PAGE 12

OPTIONS*	PART #	ADD
3/8" (9.5mm) Probe	1201	58
Probe Weights 3/8"(9.5mm) (For lengths 100m/300ft +)	1202	81
5/8"(16mm) Probe w/ Weights	1203	108



1201

1202

1203



# Replacement Parts

## dipper-T2 (Series 1200)

### Tape & Link Replacement (A) Polyethylene Coated Steel Tape with Connector Link Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1130-2-M	11100-2-F	323
60M / 200FT	1160-2-M	11200-2-F	476
100M / 300FT	11100-2-M	11300-2-F	631
150M / 500FT	11150-2-M	11500-2-F	942
200M / 750FT	11200-2-M	11750-2-F	1332
300M / 1000FT	11300-2-M	111000-2-F	1719

FOR LONGER LENGTHS SEE PAGE 13

### Connector Link

DESCRIPTION	PART #	\$USD
Connector Link Replacement	1108-2	69

### Water Level Meter Probes (Detachable)

DESCRIPTION	PART #	\$USD
5/8" (16mm) Probe	1209-2	174

### Water Level Meter Probes Kits (Fixed)

\* Using any probe options on 1202 series voids certification

DESCRIPTION	PART #	\$USD
5/8" (16mm) Probe Kit with weight(Fixed)-	1215	253
5/8" (16mm) Probe Kit with weight (Fixed)X-Long Link	1213	260
3/8" (16mm) Probe Kit(Fixed)-	1221	206
3/8" (16mm) Probe Kit with weight (Fixed)	1222	269

### Electronic Panel

DESCRIPTION	PART #	\$USD
Electronic Panel	1221-2	223
Pump Module - Electronic Panel	1180-2	298

### Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder,  
Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1230-2	393
Large Reel	1233-2	573

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe  
Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114
Well Belt	1165	24

### Plates Kit -

Front & Back Plates with Handle  
and Stickers

DESCRIPTION	PART #	\$USD
10.5"(27cm) Nylon- Standard Frame	1266-2	129
13.5" (34cm) Aluminum- Large Frame	1266-2	160

### Ground Lead

DESCRIPTION	PART #	\$USD
Ground Lead	1675	59



1209-2



1221-2



**NEW**  
The pump module  
allows you to  
connect your  
Heron meter to  
any standard  
sampling pump  
controller.



Pump Module  
1180-2

# LongLiner (Series 4000) Motorized Water Level Meter

*\*Also available with manual crank only*

- Measure **deeper** faster
- Forward/Reverse 12 V variable speed electric motor
- Easily collect Drawdown data
- Wheeled hand cart included for ease of transport
- **Field Replaceable PFAS Free Probe.**

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
450M/1500FT	4002-450M	4002-1500F	<b>6000</b>
600M/2000FT	4002-600M	4002-2000F	<b>6525</b>
750M/2500FT	4002-750M	4002-2500F	<b>7040</b>
900M/3000FT	4002-900M	4002-3000F	<b>7625</b>
1000M/3500FT	4002-1000M	4002-3500F	<b>8080</b>
1200M/4000FT	4002-1200M	4002-4000F	<b>8475</b>

OPTIONS	PART #	ADD
5/8"(16mm) Probe w/Weights	1203	<b>108</b>
Well Depth Indicator probe	1101-2	<b>294</b>
Well Casing Indicator probe	1102-2	<b>319</b>

**Also Available in  
Series 1700 Conductivity  
and  
Series 1800 Temperature**



## Included:

- 5/8" (16mm) Water Level Probe
- Premium Stainless Steel Polyethylene Coated Tape (A)
- Forward/Reverse 12 Volt Electric Motor
- Remote Speed Controller, convenient handheld seated in a magnetic saddle
- Integrated, heavy-duty Battery Cables
- Removable Wheeled Hand Cart
- Folding Cart Handle
- 5/8" (16mm) Water Level Meter Probe
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- Sensitivity Dial to tune out cascading water
- 9V Battery

# Replacement Parts

## LongLiner (Series 4000)

### Tape & Water Level Link Replacement

(A) Polyethylene Coated Steel Tape with Connector Link Included.

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
450M/1500FT	40450-2-M	401500-2-F	2335
600M/2000FT	40600-2-M	402000-2-F	3036
750M/2500FT	40750-2-M	402500-2-F	3710
900M/3000FT	40900-2-M	403000-2-F	4452
1000M/3500FT	401000-2-M	403500-2-F	5168
1200M/4000FT	401200-2-M	404000-2-F	5936

### Connector Link

DESCRIPTION	PART #	\$USD
Connector Link Replacement	1108-2	69

### Water Level Meter Probes (Detachable)

DESCRIPTION	PART #	\$USD
5/8" (16mm) Probe	1209-2	174

### Electronic Panel

DESCRIPTION	PART #	\$USD
Electronic Panel	1221-2	223

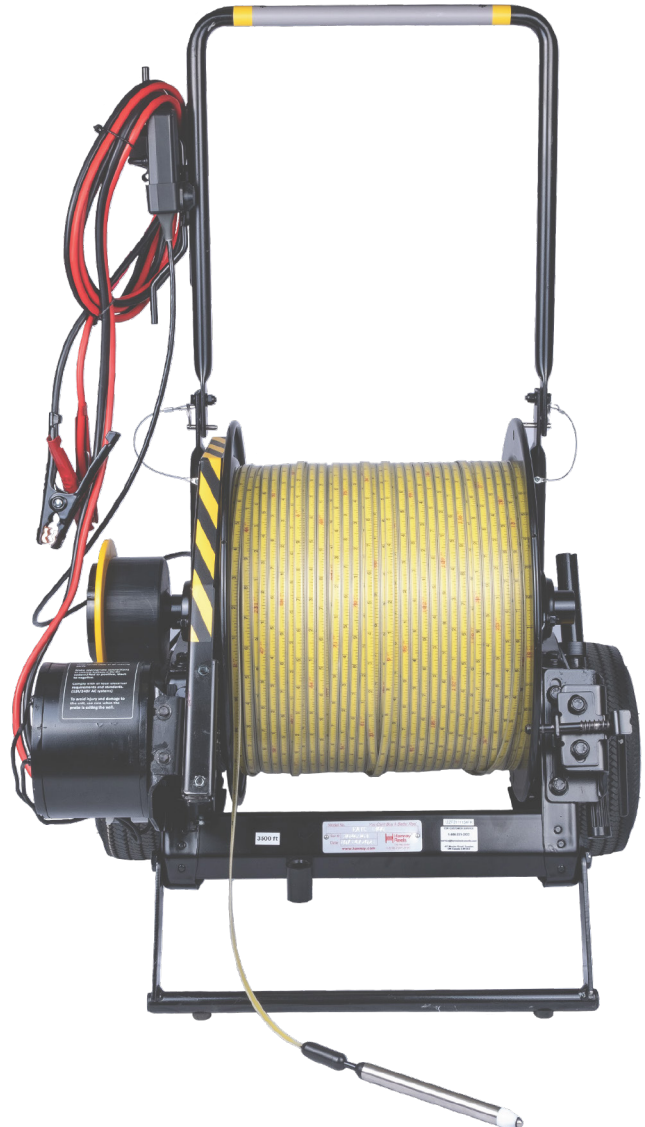
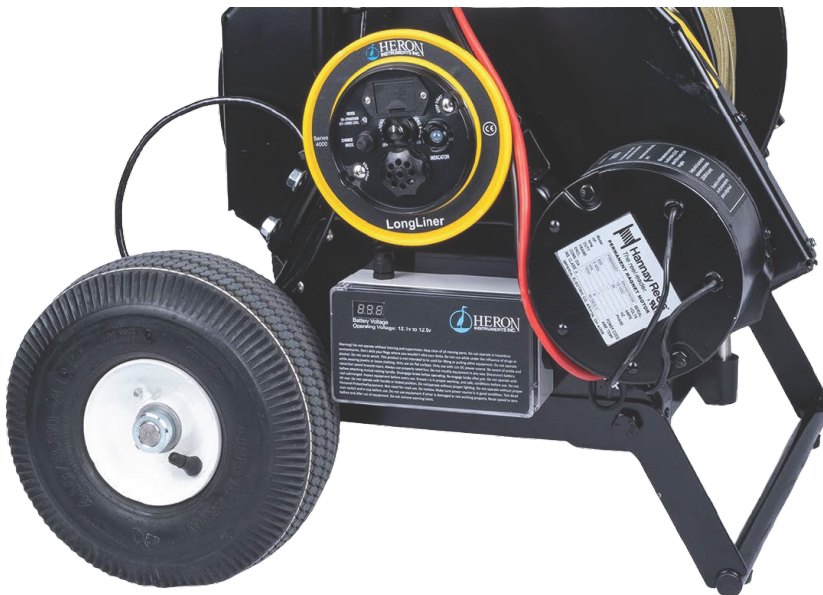
### Brake kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	4048	29

### Handle Kits

DESCRIPTION	PART #	\$USD
Folding Cart Handle	4030	279
Removable Hand Crank	4033	164





- Measures **depth to fluid** accurately
- Tape directly embedded into the probe to withstand **high temperatures** and **harsh environments**
- Easily collect Drawdown data to calculate well production



### Included:

- Premium Stainless Steel Kynar™ Coated Tape (B)
- 5/8" (16mm) Water Level Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals plus adjustable volume control
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- Padded Storage/Carrying Case Included

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1402-30M	1402-100F	856
60M / 200FT	1402-60M	1402-200F	1027
100M / 300FT	1402-100M	1402-300F	1199
150M / 500FT	1402-150M	1402-500F	1567
200M / 750FT	1402-200M	1402-750F	2016
300M / 1000FT	1402-300M	1402-1000F	2545



**FOR HIGH  
TEMPERATURES & HARSH  
ENVIRONMENTS**

# Replacement Parts

## dipper-Tough (Series 1400)

### Tape & Water Level Probe Replacement

(B) Kynar™ Coated Steel Tape with 5/8" (16mm) Water Level Probe included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1430-2-M	14100-2-F	603
60M / 200FT	1460-2-M	14200-2-F	872
100M / 300FT	14100-2-M	14300-2-F	1158
150M / 500FT	14150-2-M	14500-2-F	1402
200M / 750FT	14200-2-M	14750-2-F	1730
300M / 1000FT	14300-2-M	141000-2-F	2041

### Electronic Panel

DESCRIPTION	PART #	\$USD
Sensitivity Electronic Panel	1221-2	223

### Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1430-2	393
Large Reel	1433-2	573

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114
Well Belt	1165	24

### Plates Kit -

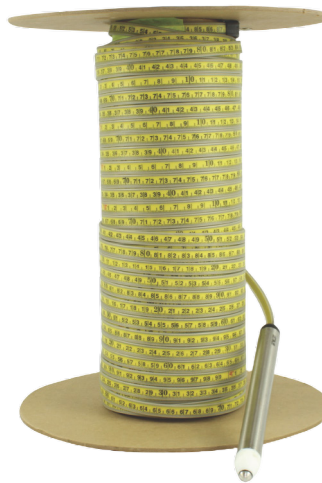
Front & Back Plates with Handle and Stickers

DESCRIPTION	PART #	\$USD
10.5"(27cm) Nylon- Standard Frame	1466-2	129
13.5" (34cm) Aluminum- Large Frame	1469-2	160

Electronic Panel 1221-2



Well Belt  
1165



Tape & Probe  
Replacement



Standard Carry Case  
1154

- Measures **depth to water** accurately
- Easily collect **Drawdown** data to calculate well production
- **PFAS** free tape & field replaceable probe

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1902-30M	1902-100F	<b>628</b>
60M / 200FT	1902-60M	1902-200F	<b>734</b>
100M / 300FT	1902-100M	1902-300F	<b>849</b>
150M / 500FT	1902-150M	1902-500F	<b>1060</b>
200M / 750FT	1902-200M	1902-750F	<b>1540</b>
300M / 1000FT	1902-300M	1902-1000F	<b>1914</b>

CARRY CASE  
ALWAYS  
INCLUDED IN PRICE



### Included:

- Polyethylene Tape w/ Heat Stamped Markings (C)
- 5/8" (16mm) Water Level Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals plus adjustable volume control
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- 9V Battery
- Storage/Carrying Case



Water Level Meter Probe  
1209-2



# Replacement Parts

## Water Tape (Series 1900)

### Tape & Link Replacement

(C) Polyethylene Tape with Connector Link Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1930-2-M	19100-2-F	260
60M / 200FT	1960-2-M	19200-2-F	386
100M / 300FT	19100-2-M	19300-2-F	513
150M / 500FT	19150-2-M	19500-2-F	723
200M / 750FT	19200-2-M	19750-2-F	1020
300M / 1000FT	19300-2-M	191000-2-F	1319

### Connector Link

DESCRIPTION	PART #	\$USD
Connector Link Replacement	1108-2	69

### Water Level Meter Probes (Detachable)

DESCRIPTION	PART #	\$USD
5/8" (16mm) Probe	1209-2	174

### Electronic Panel

DESCRIPTION	PART #	\$USD
Electronic Panel	1221-2	223

### Reel Assembly Kit -

Frame, Hub, Plates, Probe  
Holder, Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1930-2	393
Large Reel	1933-2	573



Reel Assembly  
1930-2

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe  
Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114
Well Belt	1165	24

### Plates Kit -

Front & Back Plates with Handle and  
Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon- Standard Frame	1966-2	129
13.5" (34cm) Aluminum- Large Frame	1969-2	160



Well Belt  
1165



Electronic Panel  
1221-2

- Measures **depth to water** accurately
- **Narrow 1/4" (6.5mm)** tape & probe for small diameter wells/standpipes/piezometers
- Easily collect **Drawdown** data to calculate well production
- Probe pressure rated up to 100m/300ft for 20 minutes
- Better than coaxial cable water level meters ( + Legibility)



### Included:

- 1/4" (6.5mm) Polyethylene Tape (D)
- 1/4" (6.5mm) Water Level Probe
- Electronic Panel with audio and visual signals plus adjustable volume control
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- 9V Battery
- Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1302-30M	1302-100F	669
60M / 200FT	1302-60M	1302-200F	762
100M / 300FT	1302-100M	1302-300F	859
150M / 500FT	1302-150M	1302-500F	1058



**FOR SMALL DIAMETER  
TEST WELLS/PIEZOMETERS**

# Replacement Parts

## SKINNY DIPPER (Series 1300)

### Tape & Water Level Probe Replacement

(D) 1/4" Polyethylene Tape with 1/4" (6.5mm) Water Level Meter Probe Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1330-2-M	13100-2-F	371
60M / 200FT	1360-2-M	13200-2-F	470
100M / 300FT	13100-2-M	13300-2-F	568
150M / 500FT	13150-2-M	13500-2-F	775

### Electronic Panel

DESCRIPTION	PART #	\$USD
Electronic Panel	1221-2	223

### Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1330-2	393

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Well Belt	1165	24

### Plates Kit -

Front & Back Plates with Handle and Stickers

DESCRIPTION	PART #	\$USD
10.5"(27cm) Nylon- Standard Frame	1366-2	129



Carry Case  
1154



Tape & Probe  
Replacement



Electronic Panel  
1221-2



Brake Kit  
1148



- Our most affordable and basic water depth instrument
- Measures **depth to water** acoustically with removable Delrin plover
- Measure full well depth with weight
- Attach bailers for **groundwater sampling**
- Attach **Data Loggers** to measure water levels and temperature for short term analysis.



### Included:

- Polyethylene Tape {C}
- ¾" Stainless Steel Weight
- 1 ½" Removable Delrin Plover
- Stainless Steel Spring Clip
- 3 Biodegradable Bailers
- Vinyl, ergonomic holding grip
- Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1500-30M	1500-100F	526
60M / 200FT	1500-60M	1500-200F	646
100M / 300FT	1500-100M	1500-300F	764
150M / 500FT	1500-150M	1500-500F	1060
200M / 750FT	1500-200M	1500-750F	1435
300M / 1000FT	1500-300M	1500-1000F	1912

### How it Works!

1. Lower the weighted plover into your well and listen for the echo of a **PLOP!** The base of the plover is hollowed out to amplify the sound when making contact with water.
2. Look at the tape measurement to identify depth to water



Weighted Plover  
1514

# Replacement Parts

## dipper-Tag (Series 1500)

### Tape & Clip Replacement

(C) Polyethylene Tape with Reinforced with Kevlar w/ Stainless Steel Clip

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1530-M	15100-F	226
60M / 200FT	1560-M	15200-F	353
100M / 300FT	15100-M	15300-F	479
150M / 500FT	15150-M	15500-F	690
200M / 750FT	15200-M	15750-F	987
300M / 1000FT	15300-M	151000-F	1286

### Weighted Plopper

DESCRIPTION	PART #	\$USD
3/4" (19mm) Stainless Steel Weight with Plopper Cone	1514	107
11/2" (38mm) Delrin Plopper Cone	1516	34

### Link Kit

DESCRIPTION	PART #	\$USD
dipper-Tag Link Kit	1506	40

### Cover Plate

DESCRIPTION	PART #	\$USD
5" (13cm) Aluminium Cover Plate	1522	40

### Reel Assembly Kit -

Frame, Hub, Plates, Disc Screws, Cover Plate, Stickers, Handle, Brake.

DESCRIPTION	PART #	\$USD
Standard Reel	1530-2	393
Large Reel	1533-2	573

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73

### Frame Accessory Kit -

Plugs, Roller Tape Guide

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1542	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114
Well Belt	1165	24

### Plates Kit -

Front & Back Plates with Handle and Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon- Standard Frame	1566-2	129
13.5" (34cm) Aluminum- Large Frame	1569-2	160





Back in 1995, Heron Instruments founder Donald Toon created our first oil/water interface meter the H.OIL. Fast forward to 2024, and we continue to make the most accurate and rugged interface meter in the world.

Heron oil/water interface meters are used to measure the interface levels between two liquids in the same tank, vessel, well or aquifer. The probe can easily and accurately detect floating product (LNAPL), sinking product (DNAPL) and water with different audio and visual indicators.

Heron Instruments' interface meters can be used for accurate detection of leaking hydrocarbons like fuels or oils from tanks or any vessel into the groundwater supply. Often used to monitor ground water quality at fueling stations.

Detect Floating (LNAPL)  
& Sinking (DNAPL)  
Product in Water  
(Measure Layers as Thin as 1mm)



**H.OIL (Series 1600)**



**Oil & Gas**



**Remediation**



**Petrochemical**



# Conductivity, Temperature & Water Level Meters

## (Series 1700, 1800)

For environmental professionals or those involved in monitoring of water sources, water quality changes; indicated by temperature and conductivity fluctuations.

### Conductivity & Temperature & Level Meter (Series 1700)

If Contamination or saltwater intrusion is a concern in your water, we offer the conductivity plus. This premium water level meter will indicate not only the temperature and water level, but also the conductivity of water. Since the calibration of this conductivity probe is simple it is an excellent tool for both groundwater wells and surface water.

**Conductivity- See page 26**

### Temperature & Level Meters Series (1800)

Heron Instruments' dipper-Temp water level and temperature meter indicates water temperature on a digital display while still functioning as a water level meter. It incorporates 2 sensors in one probe, one for temperature and the other for water levels.

**Temperature- See page 28**

#### dipper-Temp (Series 1800)





- Measures **interface levels between two liquids**
- ATEX, IECEx, UKEx and c-QPS-us Certified Intrinsically Safe
- Detect floating product (**LNAPL**), sinking product (**DNAPL**) and water
- Ideal for use in hazardous environments for **Remediation Sites, Oil & Gas, Chemical and Petrochemical Industries**



### Included:

- Premium Stainless Steel Kynar™ Coated Tape (B)
- 5/8" (16mm) Interface Probe (IP68)
- Electronic Panel with audio and visual signals plus adjustable volume control
- Certified Intrinsically Safe
- Grounding Lead
- Vinyl, ergonomic holding grip
- Padded Storage/Carrying Case Included

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
20M / 60FT	1602-20M	1602-60F	1107
30M / 100FT	1602-30M	1602-100F	1137
60M / 200FT	1602-60M	1602-200F	1358
100M / 300FT	1602-100M	1602-300F	1577
150M / 500FT	1602-150M	1602-500F	1924
200M / 750FT	1602-200M	1602-750F	2328
300M / 1000FT	1602-300M	1602-1000F	2838



### Certifications

c-QPS-us LR3030  
 Class I, Div 1, Groups CD T3;  
 Ex ia IIB T3 Ga  
 Class I, Zone 0, AEx ia IIB T3 Ga  
 IECEx QPS 23.0008X  
 Ex ia IIB T3 Ga  
 QPS23ATEX5003X  
 CE 2900 Ex II 1G  
 3CT 23UKEX1002X  
 UKA 2900 Ex II 1G  
 T<sub>Amb</sub> (Probe) = -45°C to +135°C  
 T<sub>Amb</sub> (Reel) = -45°C to +55°C



\*adding accessories voids above certification

# Replacement Parts

## H.OIL (Series 1600)

### Tape & Link Replacement (B) Kynar™ Coated Steel Tape with Connector Link Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1630-2-M	16100-2-F	603
60M / 200FT	1660-2-M	16200-2-F	872
100M / 300FT	16100-2-M	16300-2-F	1158
150M / 500FT	16150-2-M	16500-2-F	1402
200M / 750FT	16200-2-M	16750-2-F	1730
300M / 1000FT	16300-2-M	161000-2-F	2041

### Connector Link

DESCRIPTION	PART #	\$USD
Connector Link Replacement	1108-2	69

### Oil/Water Interface Probe Replacement

DESCRIPTION	PART #	\$USD
5/8" (16mm) Oil/Water Probe	1609-2	243

### Oil/Water Interface Electronic Panel

DESCRIPTION	PART #	\$USD
Electronic Panel- H.OIL	1621-2	223

### Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1630-2	393
Large Reel	1633-2	573

### Ground Lead

DESCRIPTION	PART #	\$USD
Ground Lead	1675	59

### Oil/Water Interface

Spare Probe, Battery, Cleaning Brush, Testing Bottle, Oil Cleaning Cloth

#### Support Kit-

DESCRIPTION	PART #	\$USD
H.OIL Kit	1679-2	294

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114

### Plates Kit -

Front & Back Plates with Handle and Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon- Standard Frame	1666-2	129
13.5" (34cm) Aluminum- Large Frame	1669-2	160

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73



Reel Assembly  
1630-2



Electronic Panel  
1621-2



H.OIL Probe  
1621-2



- Ideal for measuring **conductivity**, **temperature**, and **water levels**
- Accurately display conductivity up to **250,000µS** and **temperatures** up to **70°C**
- Excellent for **early detection** of **saltwater intrusion** in areas with high levels of salinity like Coastal Sites



### Included:

- Premium Stainless Steel Polyethylene Coated Tape (A)
- 5/8" (16mm) PFAS Free Conductivity Probe. Field Replaceable
- Electronic Panel with audio and visual signals plus adjustable volume control
- High Contrast LCD screen displays conductivity values up to 250,000 µS and a temperature range from -20°C to 70°C
- Support for changing temperature units to Celsius, Fahrenheit, and scientific units. °C, °F, °K, °R
- Padded Storage/Carrying Case Included

TAPE LENGTH (M/FT)	MODEL #		USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1702-30M	1702-100F	1223
45M / 150FT	1702-45M	1702-150F	1284
60M / 200FT	1702-60M	1702-200F	1357
100M / 300FT	1702-100M	1702-300F	1527
150M / 500FT	1702-150M	1702-500F	1852
200M / 750FT	1702-200M	1702-750F	2346
300M / 1000FT	1702-300M	1702-1000F	2768

OPTIONS	PART #	ADD
<b>Calibration Starter Kit-</b> Calibration solutions (1413us/cm, 5000 µS/cm, 12880 µS/cm) Brush, Plastic Vial, Bag	1725	26

Ask about Lengths up to 1500M/5000FT



1725

**DETECTS SALTWATER  
INTRUSION**

# Replacement Parts

## Conductivity + (Series 1700)

### Tape & Link Replacement

(A) Polyethylene Coated Steel Tape with Connector Link Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1130-2-M	11100-2-F	603
60M / 200FT	1160-2-M	11200-2-F	872
100M / 300FT	11100-2-M	11300-2-F	1158
150M / 500FT	11150-2-M	11500-2-F	1402
200M / 750FT	11200-2-M	11750-2-F	1730
300M / 1000FT	11300-2-M	111000-2-F	2041

### Connector Link

DESCRIPTION	PART #	\$USD
Connector Link Replacement	1108-2	69

### Conductivity Replacement Probe

DESCRIPTION	PART #	\$USD
5/8" (16mm) Probe	1709-2	243

### Electronic Panel

DESCRIPTION	PART #	\$USD
Conductivity Panel	1721-2	223

### Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1730-2	393
Large Reel	1733-2	573



Conductivity Probe  
1709-2



Electronic Panel  
1721-2

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	294

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114
Well Belt	1165	24

### Plates Kit -

Front & Back Plates with Handle and Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon- Standard Frame	1766-2	129
13.5" (34cm) Aluminum- Large Frame	1769-2	160



Carry Case  
1154

- For **profiling temperature** and **static water levels**
- High tensile stainless steel tape for profiling up to **135°C/266°F**
- Used in wells, boreholes, standpipes, lakes, rivers etc.
- PFAS Free



### Included:

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1802-30M	1802-100F	<b>1288</b>
45M / 150FT	1802-45M	1802-150F	<b>1360</b>
60M / 200FT	1802-60M	1802-200F	<b>1463</b>
100M / 300FT	1802-100M	1802-300F	<b>1670</b>
150M / 500FT	1802-150M	1802-500F	<b>2103</b>
200M / 750FT	1802-200M	1802-750F	<b>2515</b>
300M / 1000FT	1802-300M	1802-1000F	<b>2917</b>

Ask about Lengths up to 1500M/5000FT



- Premium Stainless Steel Polyethylene Coated Tape (A)
- 5/8" (16mm) PFAS Free Probe. Field Replaceable
- Electronic Panel with audio and visual signals plus adjustable volume control.
- High Contrast LCD screen displays in degrees Celsius (-45 to 135°C), Fahrenheit (-49 to 266°F), Kelvin (238 to 408°K) or Rankine (428 to 734°R)
- Accuracy +/- 0.05 °C
- 9V Battery
- Padded Storage/Carrying Case



# Replacement Parts

## dipper-Temp (Series 1800)

### Tape & Link Replacement

(A) Polyethylene Coated Steel Tape with Connector Link Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1130-2-M	11100-2-F	323
60M / 200FT	1160-2-M	11200-2-F	476
100M / 300FT	11100-2-M	11300-2-F	631
150M / 500FT	11150-2-M	11500-2-F	942
200M / 750FT	11200-2-M	11750-2-F	1332
300M / 1000FT	11300-2-M	111000-2-F	1719

### Connector Link

DESCRIPTION	PART #	\$USD
Connector Link Replacement	1108-2	69

### Temperature Replacement Probe

DESCRIPTION	PART #	\$USD
5/8" (16mm) Temperature Probe	1809-2	280

### Electronic Panel

DESCRIPTION	PART #	\$USD
Temperature Panel	1821-2	321

### Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake

DESCRIPTION	PART #	\$USD
Standard Reel	1830-2	393
Large Reel	1833-2	573



Temperature Probe  
1809-2



Temperature  
Electronic  
Panel 1821-2

### Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139-2	73

### Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	96
Large Carry Case	1157	114
Well Belt	1165	24

### Plates Kit -

Front & Back Plates with Handle and Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon- Standard Frame	1866-2	129
13.5" (34cm) Aluminum- Large Frame	1869-2	160



Brake Kit  
1148



Well Belt  
1165

Heron Instruments' downhole inspection cameras are designed and manufactured for well inspectors, well drillers, hydrogeologists and other professionals who are required to view the condition of wells, drains, boreholes, vertical shafts and open bodies of water. Keeping portability in mind, the downhole cameras and included accessories come in a rugged case for ease of transport to job sites. Used for performing well inspections, new well installations or well maintenance.

Where some other water well cameras are costly and cumbersome to service, the modular design of the self-contained Heron downhole camera allows for easy replacement of parts for service. Use a camera to determine well casing length, obstructions, inspect zones and rock formations underwater. Use a dipper-See to precisely place data loggers, inspect chambers, open bodies of water, pipes and wells.

*Take the guesswork  
out of underwater  
inspection*



EXAMINER (Series 2000)





## EXAMINER (Series 2000)



**READY TO GO!  
EVERYTHING NEEDED  
COMES INCLUDED**





- For viewing & recording in holes 1" (25mm) & wider
- Rugged, Portable & Affordable
- External **adjustable angle** side to side, up/down monitor
- **Real time view** plus **record video** for future playback at the office



### Included:

- White Polyethylene Tape
- 7 /8" (22mm) Fully Submersible Camera Probe (IP68)
- 160° Wide Viewing Angle
- Ultra-Bright LEDs
- 5 Level LED Brightness Adjustment
- Display Resolution - 600x1024, 7" (18cm)
- 2x Rechargeable Lithium Ion Batteries (5 hours running time each)
- Compact Battery Charger
- Centralizer Tool
- Retrieval Hook
- DVR (w/microphone) for audio & video recording
- 32GB SD Card
- Modular design for easy service/ replacement
- Rugged, Wheeled Storage Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
150M /500FT	2000-150M	2000-500F	6040
300M /1000FT	2000-300M	2000-1000F	7000

ACCESSORIES	PART #	ADD
Retrieval Magnet	2001	63



Retrieval Magnet  
2001

# Replacement Parts

## dipper-See EXAMINER (Series 2000)

### Tape & Link Replacement

(C) Polyethylene Tape with Connector Link Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
150M /500FT	20150-M	20500-F	758
300M /1000FT	20300-M	201000-F	1425

### dipper-See Replacement Probe kit (Non-detachable)

DESCRIPTION	PART #	\$USD
7/8"(22mm) Camera Probe (160 Degree View) with Link	2009	1324
7/8"(22mm) Camera Probe (160 Degree View) with Long Link	2009-L	1324

### DVR Kit -

DVR, Remote, Cable, Velcro + Microphone

DESCRIPTION	PART #	\$USD
DVR Kit	2006	551

### DVR Remote

DESCRIPTION	PART #	\$USD
DVR Remote	2012	41

### Battery/Charger

DESCRIPTION	PART #	\$USD
Battery	2230	130
Charger	2235	103

### Retrieval Hook

DESCRIPTION	PART #	\$USD
Retrieval Hook Attachment	2021	63

### Centralizer

DESCRIPTION	PART #	\$USD
Centralizer Attachment	2024	74

### Sun Visor

DESCRIPTION	PART #	\$USD
Sun Visor w/ Velcro	2027	32

### Frame Accessory Kit

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	2042	68

### Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	29

### Cases

DESCRIPTION	PART #	\$USD
Standard Rugged Wheel Case	2057	663
Large Rugged Wheeled Case	2060	843
Well Belt	1165	24



Camera Probe  
2009



DVR Kit  
2006



Charger  
2235



# Groundwater Data Loggers

## (dipper-Log TOUGH, 128+, VENTED)

		Groundwater Data Loggers		
Logger Type		dipper-Log Tough+	dipper-Log 128+	dipper-Log Vented+
Performance	# of Data Sets	128,000	128,000	128,000
	Download Speed	21,333.33/min	21,333.33/min	21,333.33/min
	Water Level Accuracy (Typical)	+/- 0.05%FS (0°C to 50°C)	+/- 0.05%FS (0°C to 50°C)	+/- 0.05%FS (0°C to 50°C)
	Temperature Accuracy (Typical)	<b>+/- 0.05°C</b> Temperature Sensor Meets ASTM E1 112 and ISO 80601-2-56. NIST Traceability.	<b>+/- 0.05°C</b> Temperature Sensor Meets ASTM E1 112 and ISO 80601-2-56. NIST Traceability.	<b>+/- 0.05°C</b> Temperature Sensor Meets ASTM E1 112 and ISO 80601-2-56. NIST Traceability.
Operating Features	Pressure Ranges	10m/30ft 60m/200ft (14PSI), (85PSI), 30m/100ft 120m/400ft (42PSI), (170PSI)	10m/30ft 60m/200ft (14PSI), (85PSI), 30m/100ft 120m/400ft (42PSI),	10m/30ft 60m/200ft (14PSI), (85PSI), 30m/100ft 120m/400ft (42PSI),
	Overpressure Rating	2X Factory Calibrated Range	2X Factory Calibrated Range	2X Factory Calibrated Range
	Operating Temperature	-20°C to 80°C (-5° F to 175°F)	-20°C to 80°C (-5° F to 175°F)	-20°C to 80°C (-5° F to 175°F)
	Pressure Resolution %FS	0.01	0.01	0.01
	Battery Life (Depending on Usage)	Up to 5,000,000 Readings Up to 15 Years	Up to 5,000,000 Readings Up to 15 Years	Up to 5,000,000 Readings Up to 15 Years
	Warranty	2 Years	2 Years	2 years
Physical Characteristics	Wetted Material	Titanium, Delrin®, Teflon™	316 SS, Delrin®, Buna-N	316 SS, Delrin®, Buna-N
	O-Ring (Primary)	Teflon™	Buna-N	Buna-N
	O-Ring (Backup)	Viton	Viton	Viton
	Transducer	Titanium Piezoresistive Silicon	316 SS Piezoresistive Silicon	316 SS Piezoresistive Silicon
	Length	145mm / 5. 7"	145mm / 5. 7"	145mm / 5. 7"
	Diameter	22mm I 0.87"	22mm I 0.87"	22mm I 0.87"
	Weight	150g	170g	170g
	Deployment Options	Suspended, Direct Read, Reel	Suspended, Direct Read, Reel	Direct Read

**\* FOR DEPLOYMENT  
INSTALLATION SEE  
PAGE 46**



# Barometric Loggers/ Pressure Transmitters

(barLog, 4-20mA Pressure Transmitter)

Barometric Loggers	Pressure Transmitters		
barLog	4-20mA Pressure Transmitter	Logger Type	
128,000	N/A	# of Data Sets	Performance
21,333.33/min	N/A	Download Speed	
+/- 0.05%FS (0°C to 50°C)	+/- 0.05%FS (0°C to 50°C)	Water Level Accuracy (Typical)	
+/- 0.05°C Temperature Sensor Meets ASTM E112 and ISO 80601-2-56. NIST Traceability.	N/A	Temperature Accuracy (Typical)	
N/A	10m/30ft 60m/200ft (14PSI), (85PSI), 30m/100ft 120m/400ft (42PSI), (170PSI)	Pressure Ranges	Operating Features
2X Factory Calibrated Range	2X Factory Calibrated Range	Overpressure Rating	
-20°C to 80°C (-5° F to 175°F)	-20°C to 80°C (-5° F to 175°F)	Operating Temperature	
0.01	N/A	Pressure Resolution %FS	
Up to 5,000,000 Readings Up to 15 Years	N/A	Battery Life (Depending on Usage)	
2 Years	2 years	Warranty	
N/A	316 SS, Delrin®, Buna-N	Wetted Material	Physical Characteristics
Buna-N	Buna-N	O-Ring (Primary)	
Viton	Viton	O-Ring (Backup)	
316 SS Piezoresistive Silicon	316 SS Piezoresistive Silicon	Transducer	
145mm / 5.7"	145mm / 5.7"	Length	
22mm I 0.87"	22mm I 0.87"	Diameter	
170g	170g	Weight	
N/A	N/A	Deployment Options	



PFAS  
FREE

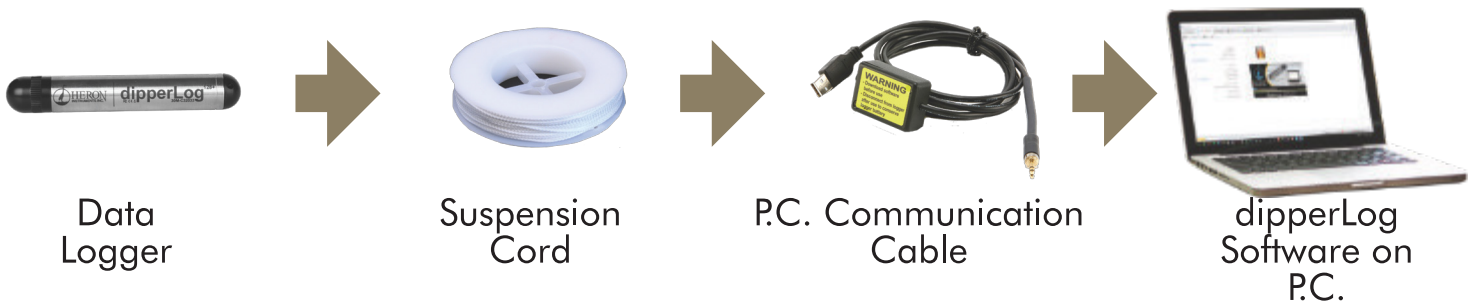


PFAS  
FREE

**\*DOWNLOAD OUR FREE  
DATA LOGGER SOFTWARE AT  
[www.heroninstruments.com](http://www.heroninstruments.com)**



This is our **most economical** deployment option for an absolute data logger. Install the logger using a suspension cord and simply pull the logger up, connect to a laptop or Windows Tablet with a P.C. Communication Cable and retrieve your data.



## CHOOSE YOUR LOGGER, THEN ADD YOUR ACCESSORIES


		Pressure Ranges /Part Number			
	\$USD	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
<b>dipper-Log 128+</b> <u>THE MOST DATA, BATTERY LIFE &amp; ALL PRESSURE RANGES:</u> * 2 Year Warranty * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years	<b>570</b>	54128-B	54128-C	54128-D	54128-E
<b>dipper-Log TOUGH+</b> <u>THE MOST DATA, BATTERY LIFE &amp; ALL PRESSURE RANGES:</u> * 2 Year Warranty * Titanium body, Teflon encapsulated O-Rings. PREMIUM * Suitable for use in most caustic & Hazardous environments * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years	<b>866</b>	54T-B	54T-C	54T-D	54T-E

## Accessories for Suspended Absolute Model:

REQUIRED COMPONENTS	PART #	\$USD
dipperLog 128+/ TOUGH +	SEE PAGE 36	
P.C. Communication Cable	5009	104
barLog (1 per job location every 5km/3mi radius)	5116	370
Polyethylene Suspension Cord (75m/250ft)	5025	58
300m/1000ft	5026	228

OTHER OPTIONS AVAILABLE	PART #	\$USD
Lockable Well Plug 2"	5006	27
dipper-Log Maintenance Kit- Alconox Powder, O-rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024	78
Accessory Case	5054	53

## Data Logger Value Bundles



**PLUS CASE**

**dipperLog 128+ 6-Pack/barLog Bundle**

DESCRIPTION	PART #	\$USD
• 6x dipper-Log 128+ (Any Pressure Range)	VB01	3280
• FREE barlog		
• 1 x Carry Case		



**PLUS CASE**

**dipperLog 128+ Starter Kit**

DESCRIPTION	PART #	\$USD
• 1 x dipper-Log 128+	VB04	685
• 1 x Suspension Cord (250ft/75m)		
• 1 x PC Communication Cable		
• 1 x Carry Case		

Lockable Well Plug (5006)

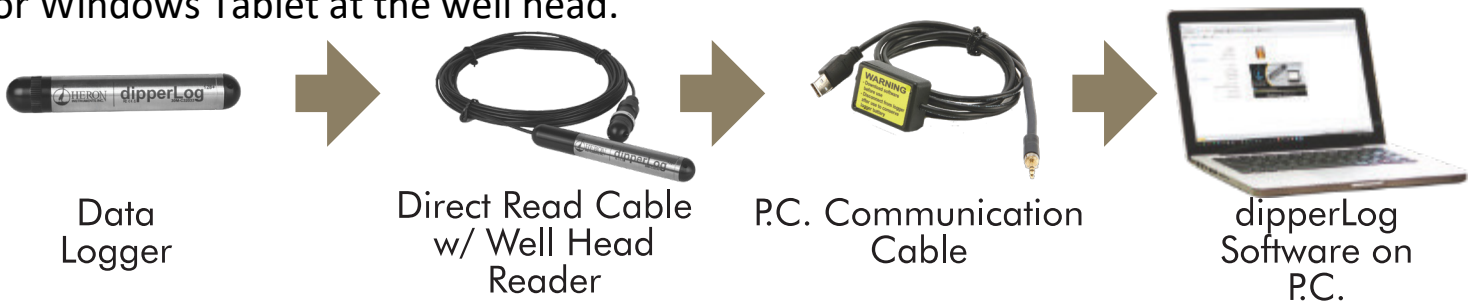
Polyethylene Suspension Cord (5025 & 5026)

dipperlog+

Zero Point



This is the **least labour intensive** model for groundwater data logging. The data logger is suspended on a direct read cable, which establishes a connection to the data logger at the wellhead. Programming, downloading, stopping, and starting data collection can be done while the logger is deployed. Just connect your laptop or Windows Tablet at the well head.



**CHOOSE YOUR LOGGER, THEN ADD YOUR ACCESSORIES AND THE LENGTH OF CABLE YOU REQUIRE**

		Pressure Ranges /Part Number			
	\$USD	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
<b>dipper-Log 128+</b> <u>THE MOST DATA, BATTERY LIFE &amp; ALL PRESSURE RANGES:</u> * 2 Year Warranty * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years	<b>570</b>	54128-B	54128-C	54128-D	54128-E
<b>dipper-Log TOUGH+</b> <u>THE MOST DATA, BATTERY LIFE &amp; ALL PRESSURE RANGES:</u> * 2 Year Warranty * Titanium body, Teflon encapsulated O-Rings. PREMIUM * Suitable for use in most caustic & Hazardous environments * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years	<b>866</b>	54T-B	54T-C	54T-D	54T-E

## Accessories for Direct Read

### Absolute Model:

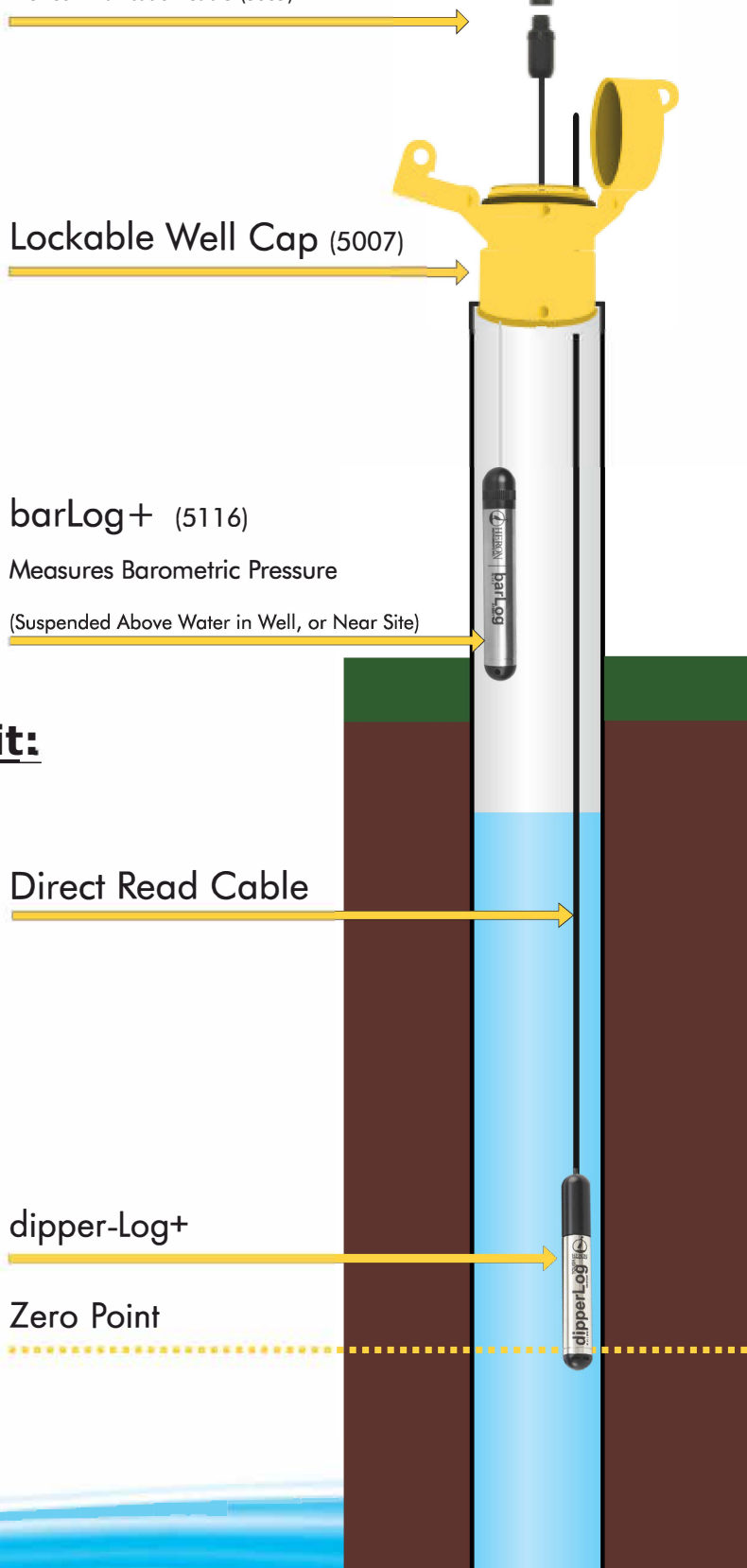
REQUIRED COMPONENTS	PART#	\$USD
dipoer-Log 128+/TOUGH+	SEE PAGE 38	
P.C. Communication Cable	5009	104
barLog (1 per job location every 5km/3mi radius)	5116	370
Absolute Direct Read Cable Kit (Cable, Reader & Mounting Kit)	SEE BELOW	

OTHER OPTIONS AVAILABLE	PART #	\$USD
Hinged Lockable Well Cap 2" (50mm)	5007	66
tapNtell Surface Display	5020	413
SDI-12 Interface Cable (10m/30ft)	5021	281
dipper-Log Maintenance Kit - Alconox Powder, O-Rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024	78
Accessory Case	5054	53

**CHOOSE YOUR CABLE LENGTH AND ACCESSORIES, THEN ADD TO DATA LOGGER FOR COMPLETE COST**

### Standard Cap & Direct Read Well Head Reader

Connect your laptop [HERE](#) via P.C. Communication Cable (5009)

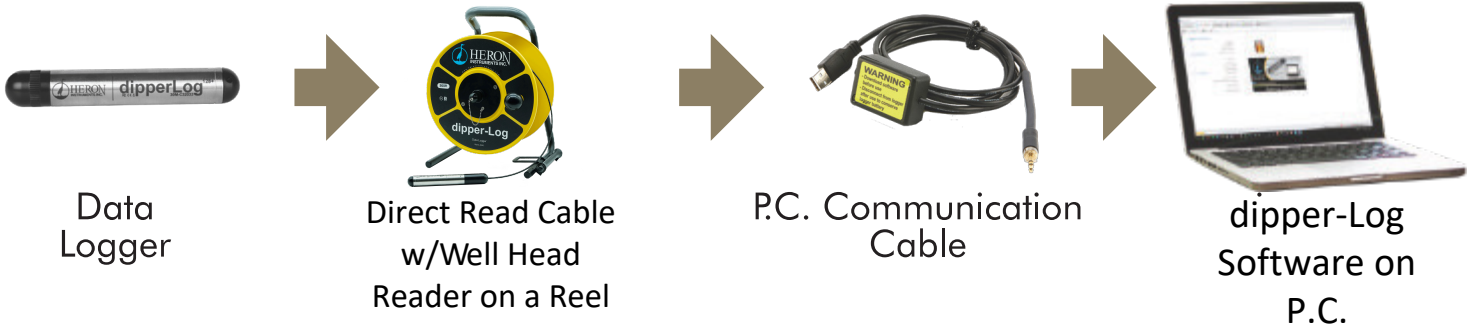


### Absolute Direct Read Cable Kit:

(1) ABSOLUTE DIRECT READ CABLE (2) WELL HEAD READER & MOUNTING KIT	PART#	ADD \$
2M/6F	5110	179
5M/15F	5111	194
10M/30F	5119	209
15M/50F	5112	239
30M/100F	5113	306
45M/150F	5114	376
60M/200F	5115	444
75M/250F	5117	514
100M/300F	5118	583
150M/500F	5120	860
225M/750F	5121	1205
280M/925F	5122	1551

**Custom Cable Lengths Available @ Additional Cost+ Fee \$75**

The Reel Model is an ideal option when transporting your data logger from site to site for pump and slug tests or any other short term deployment. Programming and downloading of the data is capable via the connection on the face plate on the reel.



**CHOOSE YOUR LOGGER (C/W REEL), THEN ADD YOUR ACCESSORIES AND THE LENGTH OF CABLE YOU REQUIRE**

		Pressure Ranges /Part Number			
	\$USD	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
<b>dipper-Log 128+</b> <u>THE MOST DATA, BATTERY LIFE &amp; ALL PRESSURE RANGES:</u> * 2 Year Warranty * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years	<b>1198</b>	54128-B-STD	54128-C-STD	54128-D-STD	54128-E-STD
<b>dipper-Log TOUGH+</b> <u>THE MOST DATA, BATTERY LIFE &amp; ALL PRESSURE RANGES:</u> * 2 Year Warranty * Titanium body, Teflon encapsulated O-Rings. PREMIUM * Suitable for use in most caustic & Hazardous environments * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years	<b>1272</b>	54T-B-STD	54T-C-STD	54T-D-STD	54T-E-STD



## Accessories for Reel Absolute Model:

REQUIRED COMPONENTS	PART#	\$USD
dipper-Log 128+/TOUGH + with Reel	<b>SEE PAGE 40</b>	
P.C. Communication Cable	5009	<b>104</b>
Direct Read Cable	<b>SEE BELOW</b>	

OTHER OPTIONS AVAILABLE	PART#	\$USD
barlog (1 per job location every 5km/3mi radius)	5116	<b>370</b>
dipper-log Maintenance Kit - <small>Alconox Powder, O-Rings, O-Ring Applicator Guide &amp; Pick, Cleaning Cloth, Rubber Gloves</small>	5024	<b>78</b>

**CHOOSE YOUR CABLE LENGTH AND  
ACCESSORIES, THEN ADD TO DATA  
LOGGER w/ REEL FOR COMPLETE COST**

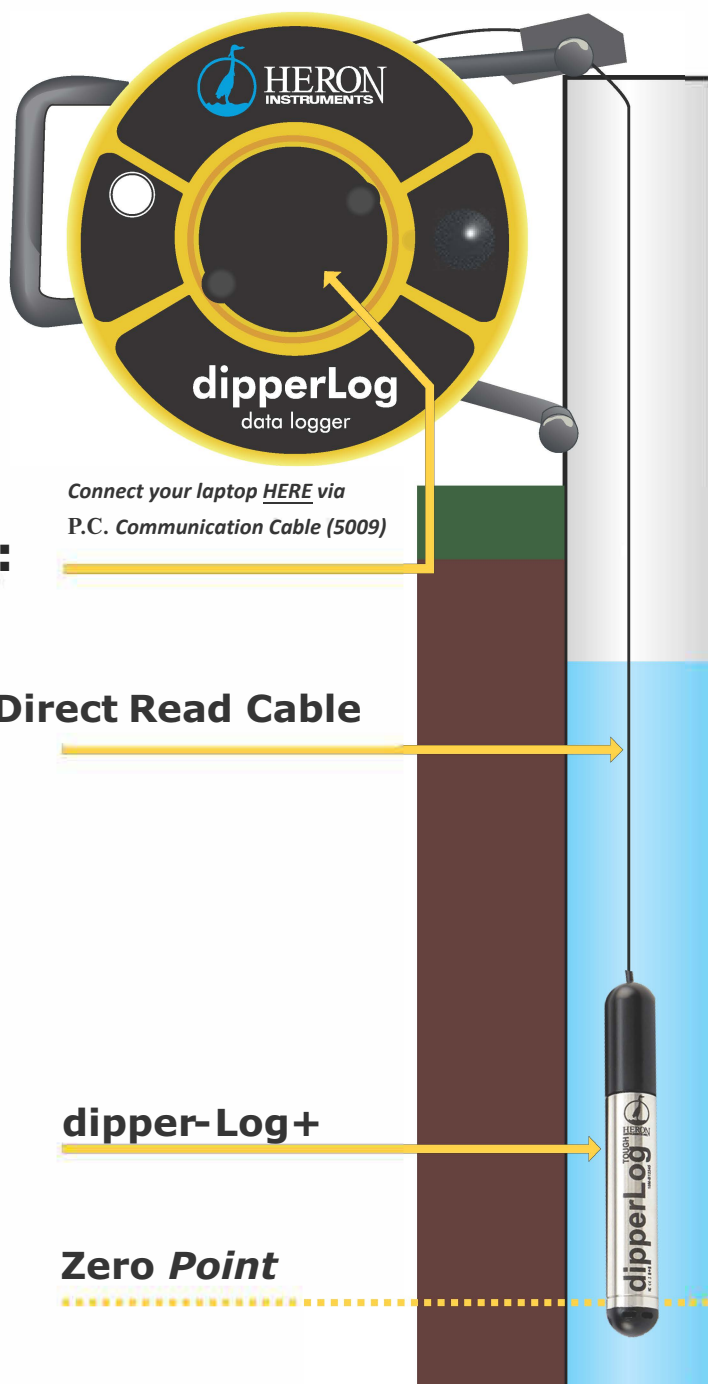
## Absolute Direct Read Cable:

ABSOLUTE DIRECT READ CABLE w/WELL HEAD READER	PART#	ADD \$
2M/6F	5110NMK	<b>133</b>
5M/15F	5111NMK	<b>155</b>
10M/30F	5119NMK	<b>176</b>
15M/50F	5112NMK	<b>205</b>
30M/100F	5113NMK	<b>276</b>
45M/150F	5114NMK	<b>347</b>
60M/200F	5115NMK	<b>419</b>
75M/250F	5117NMK	<b>490</b>
100M/300F	5118NMK	<b>561</b>
150M/500F	5120NMK	<b>846</b>
225M/750F	5121NMK	<b>1202</b>
280M/925F	5122NMK	<b>1558</b>

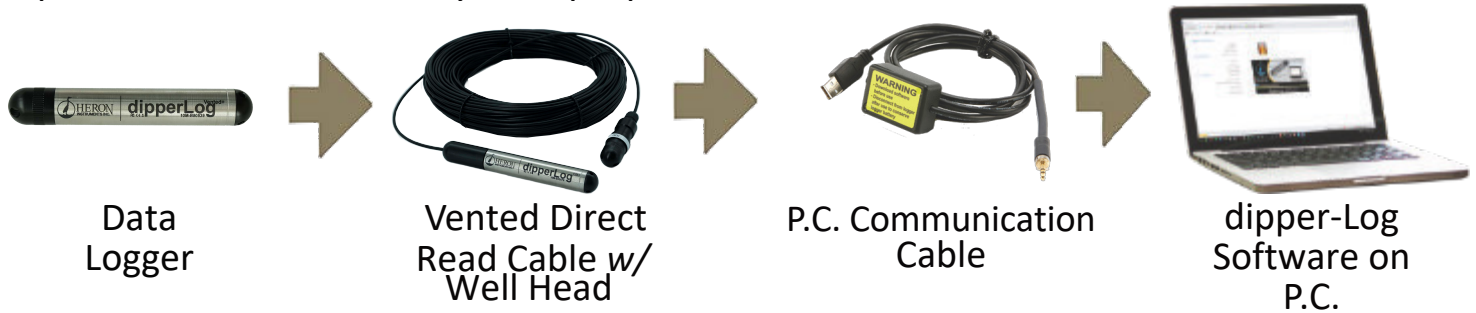
**Custom Cable Lengths Available @  
Additional Cost+ Fee \$75**

**\*NMK-No Mounting Kit**

**SAME COMPONENTS AS A  
DIRECT READ MODEL WITH  
A REEL ADDED FOR SHORT  
TERM READINGS IN  
MULTIPLE WELLS**



Heron Instruments' vented data logger incorporates a gauged transducer that measures pressure exempt barometric influences (no barometric logger required). The vented data loggers are removable from the vented cable, allowing for easy field replacement. Just connect your laptop or Windows Device at the well head.



## Barometrically Compensated Data Logger:

<b>dipper-Log VENTED+</b> Includes Well Head Reader and well Mounting Kit 2 Year warranty 128,000 Pressure & Tempertaure Data Sets <b>USD 691</b> Expected battery life up to 15 years				
Pressure Range	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
PART #	54VEN-B	54VEN-C	54VEN-D	54VEN-E

## Accessories for Vented Direct Read Model:

REQUIRED COMPONENTS	PART #	\$USD
dipper-Log VENTED+ w/Vented Well Head Reader & Mounting Kit	SEE ABOVE	<b>691</b>
PC Communication Cable	5009	<b>104</b>
<b>VENTED</b> Direct Read Cable (By M/FT)	5032M 5032F	<b>8/M</b> <b>2.30/FT</b>

OTHER OPTIONS AVAILABLE	PART #	\$USD
Hinged Lockable Well Cap 2" (50mm)	5007	<b>66</b>
TapNtell Surface Display	5020	<b>413</b>
Mounting Kit	5023	<b>22</b>
Accessory Case	5024	<b>53</b>



**•CHOOSE CUSTOM CABLE LENGTH (SOLD BY METER OR FOOT) THEN CHOOSE YOUR LOGGER AND ADD YOUR ACCESSORIES**

# 4-20mA PRESSURE TRANSMITTER

The 4-20mA Pressure Transmitter is easily integrated into an existing SCADA system, digital display or 3rd party data logger. it will provide continuous, accurate water level reading for a wide variety of applications.

A two-wire 4-20mA Pressure Transmitter current configuration is used with our pressure transmitter which is the most used signal transmission for transducers in industrial environments.

Pump activation for low water level, high water level in tanks, wells, rivers and chambers. Low water and high water level shut off. Note: External Power Required.

## Pressure Transmitter:

<div> <div>4-20mA Pressure Transmitter</div> <div>USD 571</div> </div> <div> 2 Year Warranty Includes Vent Filter Easily integrate into existing SCADA system OR a third party data logger To provide a continuous water level reading for your application (pressure sensor only, NO data logging capability) 2 wire 4-20mA current loop for signal transmission </div>				
Pressure Range	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
PART #	54PT-B	54PT-C	54PT-D	54PT-E

## Accessories for 4-20mA Pressure transmitter:

REQUIRED COMPONENTS	PART #	\$USD
4-20mA Pressure Transmitter	SEE ABOVE	<b>571</b>
VENTED Direct Read Cable (By M/FT)	5032M 5032F	<b>8/M</b> <b>2.30/FT</b>

OTHER OPTIONS AVAILABLE	PART #	\$USD
Digital Display for 4-20mA (Includes Vent Filter)	5031	<b>730</b>
Vent Filter	5034	<b>28</b>
Accessory Case	5024	<b>53</b>



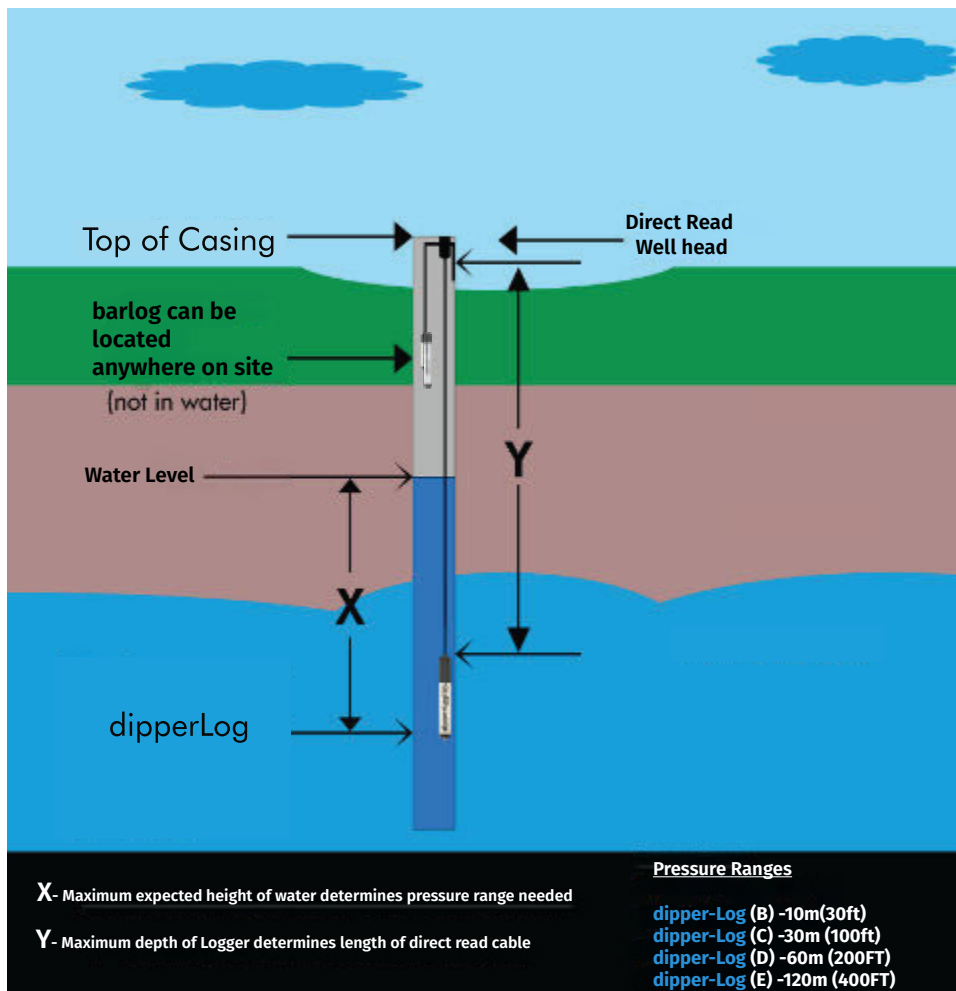
5031



**\*CHOOSE YOUR PRESSURE TRANSMITTER THEN ADD YOUR ACCESSORIES AND CUSTOM CABLE LENGTH SOLD BY METER OR FOOT**



1. Using a water level meter, determine the static water level.
  2. Determine the total well depth (using a dipper-T w/ Well Depth Indicator Probe)
  3. Subtract static water level from total well depth to determine max head of water
  4. Determine appropriate pressure range and cable length required
  5. Choose deployment model
  6. Use a dipper-Tag with a bailer to take a water sample and determine which logger best suits your deployment
  7. Order the appropriate logger in pressure range of choice
  8. Begin logger mission using dipper-Log Software
  9. Deploy logger into well
- (Suggested)
1. Check on data logger quarterly
  2. HIGHLY RECOMMENDED-bring a water level meter with you to check water level and verify data logger readings (after performing compensation in dipper-Log software).



# Terms & Conditions

## Prices:

### **IN EFFECT JANUARY 1 st 2025**

Prices in the catalogue are list prices in USD. The appropriate distributor discount may vary and will be applied accordingly to the distributor's invoice.

- Prices are subject to change without notice
- Fixed annual exchange rate will be applied for Canadian clients
- Shipping, handling, fees and applicable taxes are extra

## Delivery and Freight Terms:

It is our goal to provide our customers with the shortest lead times for new orders and serviced products. We ship directly from our location in Dundas, Ontario, Canada or from our warehouse in Depew, New York, USA.

- Confirmation and tracking information is emailed to you

## Canada Shipments

- Orders are shipped via UPS, FedEx or Purolator ground (unless specified otherwise) on our account (prepaid and add) or collect on your preferred shipping account

## USA Shipments

- Orders are shipped from stock that is held at our warehouse in Depew, NY.
- Standard shipping method is UPS ground (prepaid and add) or collect on your preferred shipping account

## Overseas Shipments

- We obtain quotes from UPS, FedEx, DHL and Purolator to determine the most economical shipping method and delivery times, or ship collect on your preferred account
- Shipping Terms: EXW - Incoterms 2010

## Return for Service:

All products returning for service require a Return Material Authorization Number (RMA#).

- Request an RMA# through our website
- The RMA# must be clearly marked on the outside of the box
- All parts related to the functionality and installment of the product are required to be returned ON the item for inspection purposes
- All returned items must be cleaned & decontaminated before sent in for service.
- Any dirty units returned for service/repair will be sent back.
- Inspection and data recovery fees may be applied
- Canada and Overseas shipments, ship to our location in Canada. USA shipments, ship to our location in Depew, NY.
- See ship-to locations, see page 2.

## Warranties:

We warrant to repair or replace any defective equipment or part upon inspection by a Heron service technician. Warranty will be determined to our satisfaction to have a defect in workmanship or original material. You are responsible for all shipping fees to return the item to us.

- For detailed warranty information visit our website [www.heroninstruments.com](http://www.heroninstruments.com)

## Hours of Operation:

- Monday to Friday 8:00am - 4:00pm EST





**WATER LEVEL METERS | BOREHOLE INSPECTION CAMERAS | DATA LOGGERS**

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helping to  
monitor  
the worlds  
most valuable  
resource*

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