



2025 Product Catalogue

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SPECIALTY METERS

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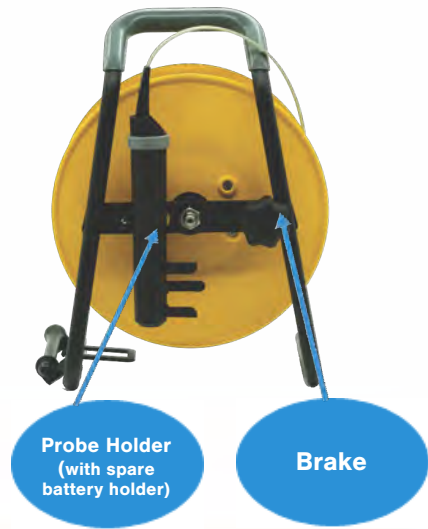
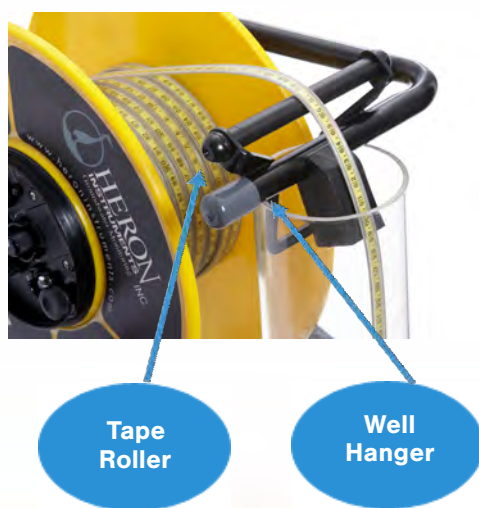
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WHY HERON PRODUCTS ARE SUCH HIGH QUALITY!

**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:

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

ASME B89. 1.7-2009 Certified
 MIL-STD-45662A Certified
 I Certificafon transferred tal ISO 10012-2003 lin 20151

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

- 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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1102-30M	1102-100F
45M / 150FT	1102-45M	1102-150F
60M / 200FT	1102-60M	1102-200F
100M / 300FT	1102-100M	1102-300F
150M / 500FT	1102-150M	1102-500F
200M / 750FT	1102-200M	1102-750F
300M / 1000FT	1102-300M	1102-1000F

FOR LONGER LENGTHS SEE PAGE 12

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

- 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

dipper-T Four Function Bundle	
DESCRIPTION	PART #
Well Depth indicator Probe	VB11-2
Well Casing indicator Probe	

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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1130-2-M	11100-2-F
60M / 200FT	1160-2-M	11200-2-F
100M / 300FT	11100-2-M	11300-2-F
150M / 500FT	11150-2-M	11500-2-F
200M / 750FT	11200-2-M	11750-2-F
300M / 1000FT	11300-2-M	111000-2-F

FOR LONGER LENGTHS SEE PAGE 13

Connector Link	
DESCRIPTION	PART #
Connector Link Replacement	1108-2

Water Level Meter Probes (Detachable)	
DESCRIPTION	PART #
Auto-Sense 5/8" (16mm) Probe	1109-2
Well Depth Indicator Probe	1101-2
Well Casing Indicator Probe	1102-2

Electronic Panel	
DESCRIPTION	PART #
Auto-Sense Electronic Panel	1121-2

Reel Assembly Kit -		Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake
DESCRIPTION	PART #	
Standard Reel	1130-2	
Large Reel	1133-2	

Hub Kit	
DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -		Plugs, Roller Tape Guide, Probe Holder
DESCRIPTION	PART #	
Frame Accessory Kit	1142	

Brake Kit -		Brake & Pad
DESCRIPTION	PART #	
Brake Kit	1148	

Carry Cases	
DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157
Well Belt	1165

Plates Kit -		Front & Back Plates with Handle and Stickers
DESCRIPTION	PART #	
10.5" (27cm) Nylon- Standard Frame	1166-2	
13.5" (34cm) Aluminum- Large Frame	1169-2	



Carry Case (1154)

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



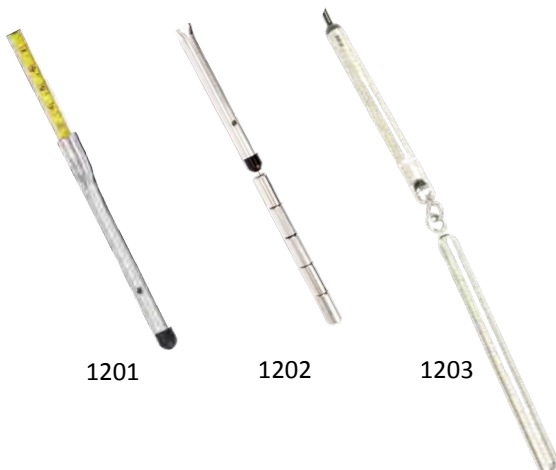
Included:

- 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

TAPE LENGTH (M/FT)	MODEL #	
	METRIC (M)	IMPERIAL (FT)
22M /75FT	1202-22M	1202-75F
30M /100FT	1202-30M	1202-100F
45M /150FT	1202-45M	1202-150F
60M /200FT	1202-60M	1202-200F
100M /300FT	1202-100M	1202-300F
150M /500FT	1202-150M	1202-500F
200M/750FT	1202-200M	1202-750F
300M /1000FT	1202-300M	1202-1000F

FOR LONGER LENGTHS SEE PAGE 12

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



1201

1202

1203

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_{Amb} (Probe) = -45°C to +135°C
 T_{Amb} (Reel) = -45°C to +55°C



***adding accessories voids above certification**

Replacement Parts

dipper-T2 (Series 1200)

Tape & Link Replacement (A) Polyethylene Coated Steel Tape with Connector Link Included		
TAPE LENGTH (M/FT)	PART #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1130-2-M	11100-2-F
60M / 200FT	1160-2-M	11200-2-F
100M / 300FT	11100-2-M	11300-2-F
150M / 500FT	11150-2-M	11500-2-F
200M / 750FT	11200-2-M	11750-2-F
300M / 1000FT	11300-2-M	111000-2-F

FOR LONGER LENGTHS SEE PAGE 13

Connector Link	
DESCRIPTION	PART #
Connector Link Replacement	1108-2

Water Level Meter Probes (Detachable)	
DESCRIPTION	PART #
5/8" (16mm) Probe	1209-2

Water Level Meter Probes Kits (Fixed)	
* Using any probe options on 1202 series voids certification	
DESCRIPTION	PART #
5/8" (16mm) Probe Kit with weight(Fixed)-	1215
5/8" (16mm) Probe Kit with weight (Fixed)X-Long Link	1213
3/8" (16mm) Probe Kit(Fixed)-	1221
3/8" (16mm) Probe Kit with weight (Fixed)	1222

Electronic Panel	
DESCRIPTION	PART #
Electronic Panel	1221-2
Pump Module - Electronic Panel	1180-2

Reel Assembly Kit -	
Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake	
DESCRIPTION	PART #
Standard Reel	1230-2
Large Reel	1233-2

Hub Kit	
DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -	
Plugs, Roller Tape Guide, Probe Holder	
DESCRIPTION	PART #
Frame Accessory Kit	1142

Brake Kit -	
Brake & Pad	
DESCRIPTION	PART #
Brake Kit	1148

Carry Cases	
DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157
Well Belt	1165

Plates Kit -	
Front & Back Plates with Handle and Stickers	
DESCRIPTION	PART #
10.5"(27cm) Nylon- Standard Frame	1266-2
13.5" (34cm) Aluminum- Large Frame	1266-2

Ground Lead	
DESCRIPTION	PART #
Ground Lead	1675



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.**



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

TAPE LENGTH (M/FT)	MODEL #	
	METRIC (M)	IMPERIAL (FT)
450M/1500FT	4002-450M	4002-1500F
600M/2000FT	4002-600M	4002-2000F
750M/2500FT	4002-750M	4002-2500F
900M/3000FT	4002-900M	4002-3000F
1000M/3500FT	4002-1000M	4002-3500F
1200M/4000FT	4002-1200M	4002-4000F

OPTIONS	PART #
5/8"(16mm) Probe w/Weights	1203
Well Depth Indicator probe	1101-2
Well Casing Indicator probe	1102-2

Also Available in
Series 1700 Conductivity
and
Series 1800 Temperature



Replacement Parts

LongLiner (Series 4000)

Tape & Water Level Link Replacement

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

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

Connector Link

DESCRIPTION	PART #
Connector Link Replacement	1108-2

Water Level Meter Probes (Detachable)

DESCRIPTION	PART #
5/8" (16mm) Probe	1209-2

Electronic Panel

DESCRIPTION	PART #
Electronic Panel	1221-2

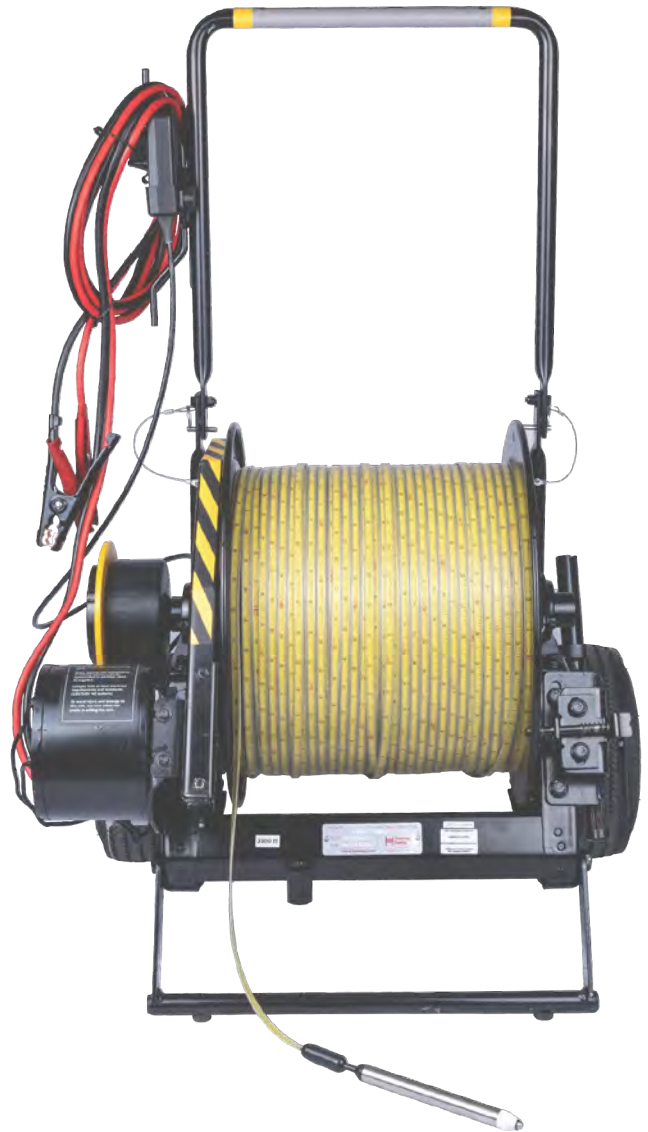
Brake kit -

Brake & Pad

DESCRIPTION	PART #
Brake Kit	4048

Handle Kits

DESCRIPTION	PART #
Folding Cart Handle	4030
Removable Hand Crank	4033



- 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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1402-30M	1402-100F
60M / 200FT	1402-60M	1402-200F
100M / 300FT	1402-100M	1402-300F
150M / 500FT	1402-150M	1402-500F
200M / 750FT	1402-200M	1402-750F
300M / 1000FT	1402-300M	1402-1000F



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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1430-2-M	14100-2-F
60M / 200FT	1460-2-M	14200-2-F
100M / 300FT	14100-2-M	14300-2-F
150M / 500FT	14150-2-M	14500-2-F
200M / 750FT	14200-2-M	14750-2-F
300M / 1000FT	14300-2-M	141000-2-F

Electronic Panel	
DESCRIPTION	PART #
Sensitivity Electronic Panel	1221-2

Reel Assembly Kit -		Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake
DESCRIPTION	PART #	
Standard Reel	1430-2	
Large Reel	1433-2	

Hub Kit	
DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -		Plugs, Roller Tape Guide, Probe Holder
DESCRIPTION	PART #	
Frame Accessory Kit	1142	

Brake Kit -		Brake & Pad
DESCRIPTION	PART #	
Brake Kit	1148	

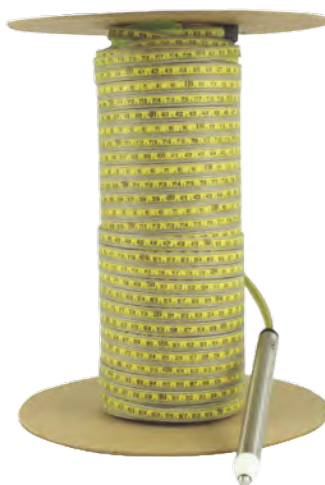
Carry Cases	
DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157
Well Belt	1165

Plates Kit -		Front & Back Plates with Handle and Stickers
DESCRIPTION	PART #	
10.5" (27cm) Nylon- Standard Frame	1466-2	
13.5" (34cm) Aluminum- Large Frame	1469-2	

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

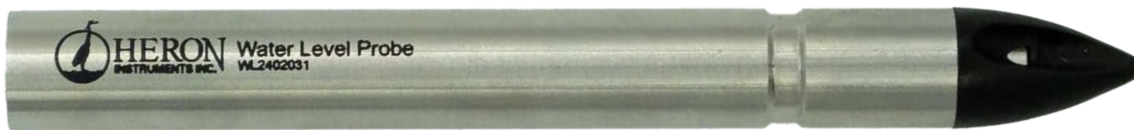


Included:

- 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

TAPE LENGTH (M/FT)	MODEL #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1902-30M	1902-100F
60M / 200FT	1902-60M	1902-200F
100M / 300FT	1902-100M	1902-300F
150M / 500FT	1902-150M	1902-500F
200M / 750FT	1902-200M	1902-750F
300M / 1000FT	1902-300M	1902-1000F

CARRY CASE
ALWAYS
INCLUDED IN PRICE



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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1930-2-M	19100-2-F
60M / 200FT	1960-2-M	19200-2-F
100M / 300FT	19100-2-M	19300-2-F
150M / 500FT	19150-2-M	19500-2-F
200M / 750FT	19200-2-M	19750-2-F
300M / 1000FT	19300-2-M	191000-2-F

Connector Link	
DESCRIPTION	PART #
Connector Link Replacement	1108-2

Water Level Meter Probes (Detachable)	
DESCRIPTION	PART #
5/8" (16mm) Probe	1209-2

Electronic Panel	
DESCRIPTION	PART #
Electronic Panel	1221-2

Reel Assembly Kit -	
Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake	
DESCRIPTION	PART #
Standard Reel	1930-2
Large Reel	1933-2

Hub Kit	
DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -	
Plugs, Roller Tape Guide, Probe Holder	
DESCRIPTION	PART #
Frame Accessory Kit	1142

Brake Kit -	
Brake & Pad	
DESCRIPTION	PART #
Brake Kit	1148

Carry Cases	
DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157
Well Belt	1165

Plates Kit -	
Front & Back Plates with Handle and Stickers	
DESCRIPTION	PART #
10.5" (27cm) Nylon- Standard Frame	1966-2
13.5" (34cm) Aluminum- Large Frame	1969-2



Reel Assembly
1930-2



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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1302-30M	1302-100F
60M / 200FT	1302-60M	1302-200F
100M / 300FT	1302-100M	1302-300F
150M / 500FT	1302-150M	1302-500F



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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1330-2-M	13100-2-F
60M / 200FT	1360-2-M	13200-2-F
100M / 300FT	13100-2-M	13300-2-F
150M / 500FT	13150-2-M	13500-2-F

Electronic Panel

DESCRIPTION	PART #
Electronic Panel	1221-2

Reel Assembly Kit -

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

DESCRIPTION	PART #
Standard Reel	1330-2

Hub Kit

DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #
Frame Accessory Kit	1142

Brake Kit -

Brake & Pad

DESCRIPTION	PART #
Brake Kit	1148

Carry Cases

DESCRIPTION	PART #
Standard Carry Case	1154
Well Belt	1165

Plates Kit -

Front & Back Plates with Handle and Stickers

DESCRIPTION	PART #
10.5"(27cm) Nylon- Standard Frame	1366-2



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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1500-30M	1500-100F
60M / 200FT	1500-60M	1500-200F
100M / 300FT	1500-100M	1500-300F
150M / 500FT	1500-150M	1500-500F
200M / 750FT	1500-200M	1500-750F
300M / 1000FT	1500-300M	1500-1000F

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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1530-M	15100-F
60M / 200FT	1560-M	15200-F
100M / 300FT	15100-M	15300-F
150M / 500FT	15150-M	15500-F
200M / 750FT	15200-M	15750-F
300M / 1000FT	15300-M	151000-F

Weighted Plopper

DESCRIPTION	PART #
3/4" (19mm) Stainless Steel Weight with Plopper Cone	1514
1 1/2" (38mm) Delrin Plopper Cone	1516

Link Kit

DESCRIPTION	PART #
dipper-Tag Link Kit	1506

Cover Plate

DESCRIPTION	PART #
5" (13cm) Aluminium Cover Plate	1522

Reel Assembly Kit -

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

DESCRIPTION	PART #
Standard Reel	1530-2
Large Reel	1533-2

Hub Kit

DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -

Plugs, Roller Tape Guide

DESCRIPTION	PART #
Frame Accessory Kit	1542

Brake Kit -

Brake & Pad

DESCRIPTION	PART #
Brake Kit	1148

Carry Cases

DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157
Well Belt	1165

Plates Kit -

Front & Back Plates with Handle and Stickers

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



Carry Case
1154



Cover Plate
1522



Tape & Clip
Replacement

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 #	
	METRIC (M)	IMPERIAL (FT)
20M / 60FT	1602-20M	1602-60F
30M / 100FT	1602-30M	1602-100F
60M / 200FT	1602-60M	1602-200F
100M / 300FT	1602-100M	1602-300F
150M / 500FT	1602-150M	1602-500F
200M / 750FT	1602-200M	1602-750F
300M / 1000FT	1602-300M	1602-1000F



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_{Amb} (Probe) = -45°C to +135°C
 T_{Amb} (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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1630-2-M	16100-2-F
60M / 200FT	1660-2-M	16200-2-F
100M / 300FT	16100-2-M	16300-2-F
150M / 500FT	16150-2-M	16500-2-F
200M / 750FT	16200-2-M	16750-2-F
300M / 1000FT	16300-2-M	161000-2-F

Connector Link

DESCRIPTION	PART #
Connector Link Replacement	1108-2

Oil/Water Interface Probe Replacement

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

Oil/Water Interface Electronic Panel

DESCRIPTION	PART #
Electronic Panel- H.OIL	1621-2

Reel Assembly Kit -

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

DESCRIPTION	PART #
Standard Reel	1630-2
Large Reel	1633-2

Ground Lead

DESCRIPTION	PART #
Ground Lead	1675

Oil/Water Interface

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

Support Kit-

DESCRIPTION	PART #
H.OIL Kit	1679-2

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #
Frame Accessory Kit	1142

Brake Kit -

Brake & Pad

DESCRIPTION	PART #
Brake Kit	1148

Carry Cases

DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157

Plates Kit -

Front & Back Plates with Handle and Stickers

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

Hub Kit

DESCRIPTION	PART #
Hub Kit	1139-2



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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1702-30M	1702-100F
45M / 150FT	1702-45M	1702-150F
60M / 200FT	1702-60M	1702-200F
100M / 300FT	1702-100M	1702-300F
150M / 500FT	1702-150M	1702-500F
200M / 750FT	1702-200M	1702-750F
300M / 1000FT	1702-300M	1702-1000F

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

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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1130-2-M	11100-2-F
60M / 200FT	1160-2-M	11200-2-F
100M / 300FT	11100-2-M	11300-2-F
150M / 500FT	11150-2-M	11500-2-F
200M / 750FT	11200-2-M	11750-2-F
300M / 1000FT	11300-2-M	111000-2-F

Connector Link	
DESCRIPTION	PART #
Connector Link Replacement	1108-2

Conductivity Replacement Probe	
DESCRIPTION	PART #
5/8" (16mm) Conductivity Probe	1709-2

Electronic Panel	
DESCRIPTION	PART #
Conductivity Panel	1721-2

Reel Assembly Kit -		Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake
DESCRIPTION	PART #	
Standard Reel	1730-2	
Large Reel	1733-2	



Conductivity Probe
1709-2



Electronic Panel
1721-2

Hub Kit	
DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -		Plugs, Roller Tape Guide, Probe Holder
DESCRIPTION	PART #	
Frame Accessory Kit	1142	

Brake Kit -		Brake & Pad
DESCRIPTION	PART #	
Brake Kit	1148	

Carry Cases	
DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157
Well Belt	1165

Plates Kit -		Front & Back Plates with Handle and Stickers
DESCRIPTION	PART #	
10.5" (27cm) Nylon- Standard Frame	1766-2	
13.5" (34cm) Aluminum- Large Frame	1769-2	



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 #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1802-30M	1802-100F
45M / 150FT	1802-45M	1802-150F
60M / 200FT	1802-60M	1802-200F
100M / 300FT	1802-100M	1802-300F
150M / 500FT	1802-150M	1802-500F
200M / 750FT	1802-200M	1802-750F
300M / 1000FT	1802-300M	1802-1000F

- 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

Ask about Lengths up to 1500M/5000FT



Replacement Parts

dipper-Temp (Series 1800)

Tape & Link Replacement		
(A) Polyethylene Coated Steel Tape with Connector Link Included		
TAPE LENGTH (M/FT)	PART #	
	METRIC (M)	IMPERIAL (FT)
30M / 100FT	1130-2-M	11100-2-F
60M / 200FT	1160-2-M	11200-2-F
100M / 300FT	11100-2-M	11300-2-F
150M / 500FT	11150-2-M	11500-2-F
200M / 750FT	11200-2-M	11750-2-F
300M / 1000FT	11300-2-M	111000-2-F

Connector Link	
DESCRIPTION	PART #
Connector Link Replacement	1108-2

Temperature Replacement Probe	
DESCRIPTION	PART #
5/8" (16mm) Temperature Probe	1809-2

Electronic Panel	
DESCRIPTION	PART #
Temperature Panel	1821-2

Reel Assembly Kit -		Frame, Hub, Plates, Probe Holder, Stickers, Handle, Brake
DESCRIPTION	PART #	
Standard Reel	1830-2	
Large Reel	1833-2	

Hub Kit	
DESCRIPTION	PART #
Hub Kit	1139-2

Frame Accessory Kit -		Plugs, Roller Tape Guide, Probe Holder
DESCRIPTION	PART #	
Frame Accessory Kit	1142	

Brake Kit -		Brake & Pad
DESCRIPTION	PART #	
Brake Kit	1148	

Carry Cases	
DESCRIPTION	PART #
Standard Carry Case	1154
Large Carry Case	1157
Well Belt	1165

Plates Kit -		Front & Back Plates with Handle and Stickers
DESCRIPTION	PART #	
10.5" (27cm) Nylon- Standard Frame	1866-2	
13.5" (34cm) Aluminum- Large Frame	1869-2	



Temperature Probe
1809-2



Brake Kit
1148



Temperature
Electronic
Panel 1821-2



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)



**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 #	
	METRIC (M)	IMPERIAL (FT)
150M /500FT	2000-150M	2000-500F
300M /1000FT	2000-300M	2000-1000F

ACCESSORIES	PART #
Retrieval Magnet	2001



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 #	
	METRIC (M)	IMPERIAL (FT)
150M /500FT	20150-M	20500-F
300M /1000FT	20300-M	201000-F

dipper-See Replacement Probe kit (Non-detachable)	

DVR, Remote, Cable, Velcro + Microphone	

DVR Remote	
DESCRIPTION	PART #
DVR Remote	2012

Battery/Charger	
DESCRIPTION	PART #
Battery	2230
Charger	2235

Retrieval Hook	
DESCRIPTION	PART #
Retrieval Hook Attachment	2021



DVR Kit
2006

Centralizer	
DESCRIPTION	PART #
Centralizer Attachment	2024

Sun Visor	
DESCRIPTION	PART #
Sun Visor w/ Velcro	2027

Frame Accessory Kit	
Plugs, Roller Tape Guide, Probe Holder	
DESCRIPTION	PART #
Frame Accessory Kit	2042

Brake Kit -	
Brake & Pad	
DESCRIPTION	PART #
Brake Kit	1148

Cases	
DESCRIPTION	PART #
Standard Rugged Wheel Case	2057
Large Rugged Wheeled Case	2060
Well Belt	1165



Camera Probe
2009



Charger
2235

		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)	+/- 0.05°C Temperature Sensor Meets ASTM El 112 and ISO 80601-2-56. NIST Traceability.	+/- 0.05°C Temperature Sensor Meets ASTM El 112 and ISO 80601-2-56. NIST Traceability.	+/- 0.05°C Temperature Sensor Meets ASTM El 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**



**PFAS
FREE**

**PFAS
FREE**



Barometric Loggers/ Pressure Transmitters

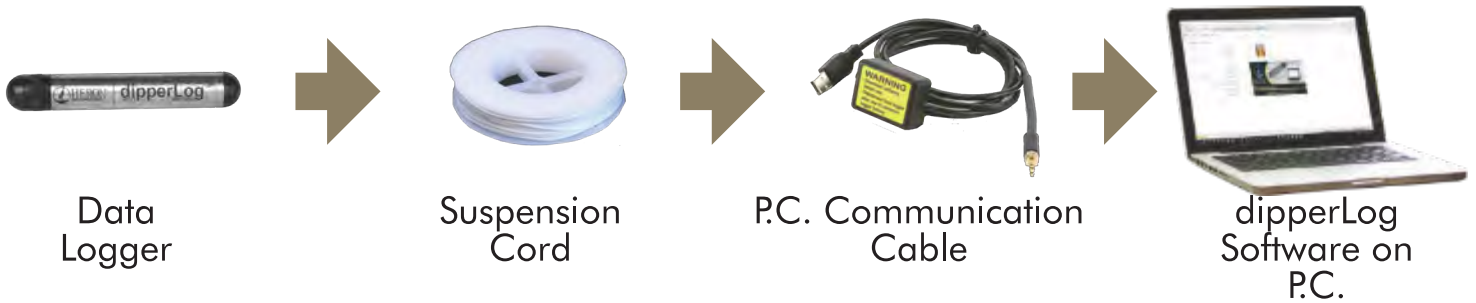
(barLog, 4-20mA Pressure Transmitter)

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 E1 112 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 0.87"	22mm 0.87"	Diameter	
170g	170g	Weight	
N/A	N/A	Deployment Options	



***DOWNLOAD OUR FREE
DATA LOGGER SOFTWARE AT
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			
		(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
dipper-Log 128+ <u>THE MOST DATA, BATTERY LIFE & ALL PRESSURE RANGES:</u> * 2 Year Warranty * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years		54128-B	54128-C	54128-D	54128-E
dipper-Log TOUGH+ <u>THE MOST DATA, BATTERY LIFE & 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		54T-B	54T-C	54T-D	54T-E

Accessories for Suspended Absolute Model:

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

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

Data Logger Value Bundles



dipperLog 128+ 6-Pack/barLog Bundle		
DESCRIPTION	PART #	\$USD
<ul style="list-style-type: none"> • 6x dipper-Log 128+ (Any Pressure Range) • FREE barlog • 1 x Carry Case 	VB01	



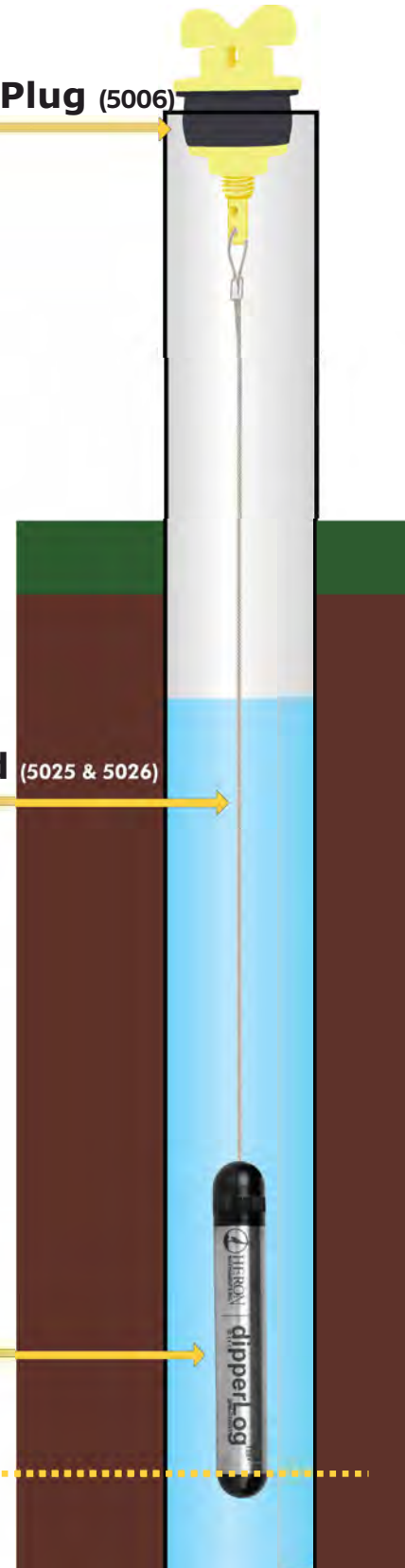
dipperLog 128+ Starter Kit		
DESCRIPTION	PART #	\$USD
<ul style="list-style-type: none"> • 1 x dipper-Log 128+ • 1 x Suspension Cord (250ft/75m) • 1 x PC Communication Cable • 1 x Carry Case 	VB04	

Lockable Well Plug (5006)

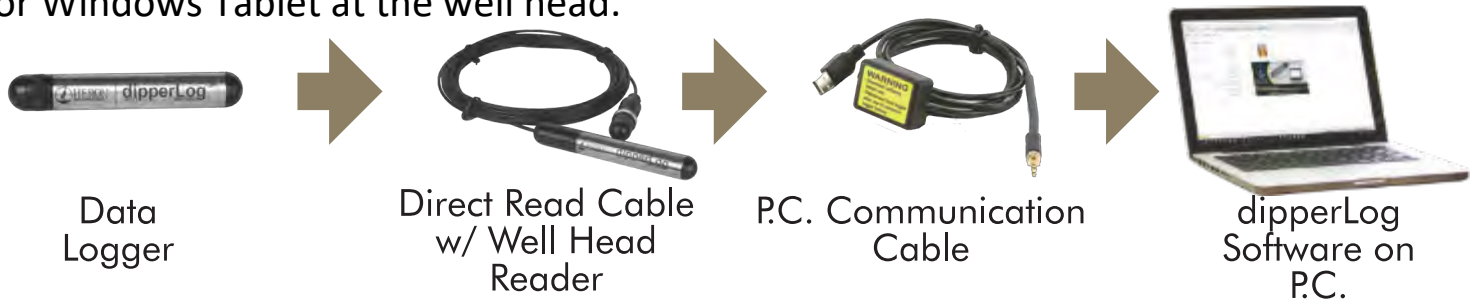
Polyethylene Suspension Cord (5025 & 5026)

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			
		(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
dipper-Log 128+ <u>THE MOST DATA, BATTERY LIFE & ALL PRESSURE RANGES:</u> * 2 Year Warranty * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years		54128-B	54128-C	54128-D	54128-E
dipper-Log TOUGH+ <u>THE MOST DATA, BATTERY LIFE & 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		54T-B	54T-C	54T-D	54T-E

Accessories for Direct Read

Absolute Model:

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

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

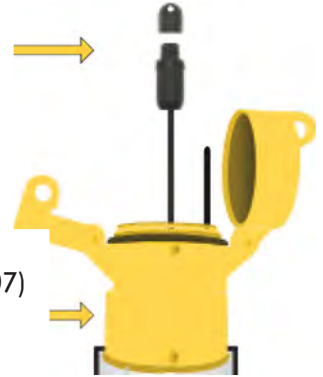
CHOOSE YOUR CABLE LENGTH AND ACCESSORIES, THEN ADD TO DATA LOGGER FOR COMPLETE COST

Absolute Direct Read Cable Kit:

(1) ABSOLUTE DIRECT READ CABLE (2) WELL HEAD READER & (3) MOUNTING KIT	PART#
2M/6F	5110
5M/15F	5111
10M/30F	5119
15M/50F	5112
30M/100F	5113
45M/150F	5114
60M/200F	5115
75M/250F	5117
100M/300F	5118
150M/500F	5120
225M/750F	5121
280M/925F	5122

Standard Cap & Direct Read Well Head Reader

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



Lockable Well Cap (5007)

barLog+ (5116)

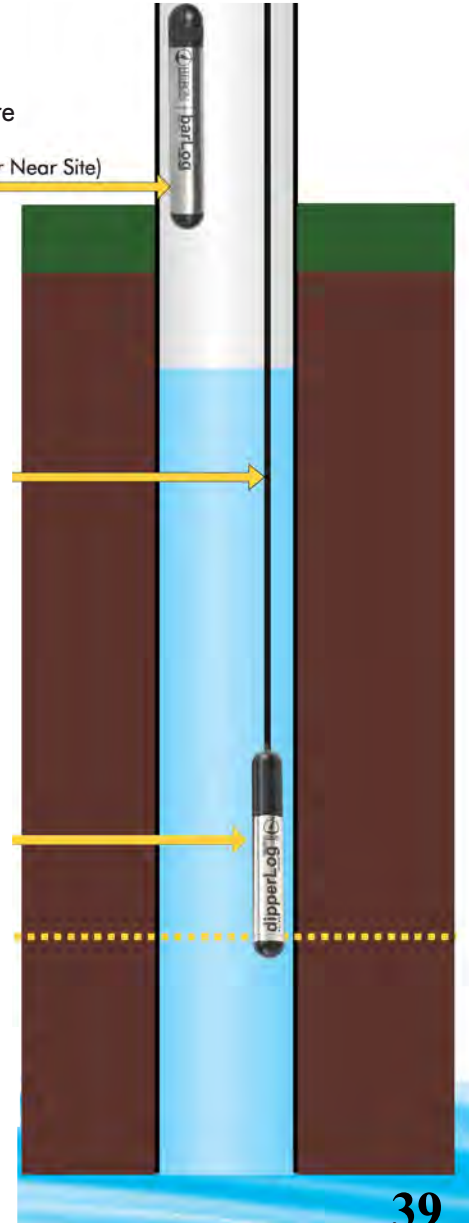
Measures Barometric Pressure

(Suspended Above Water in Well, or Near Site)

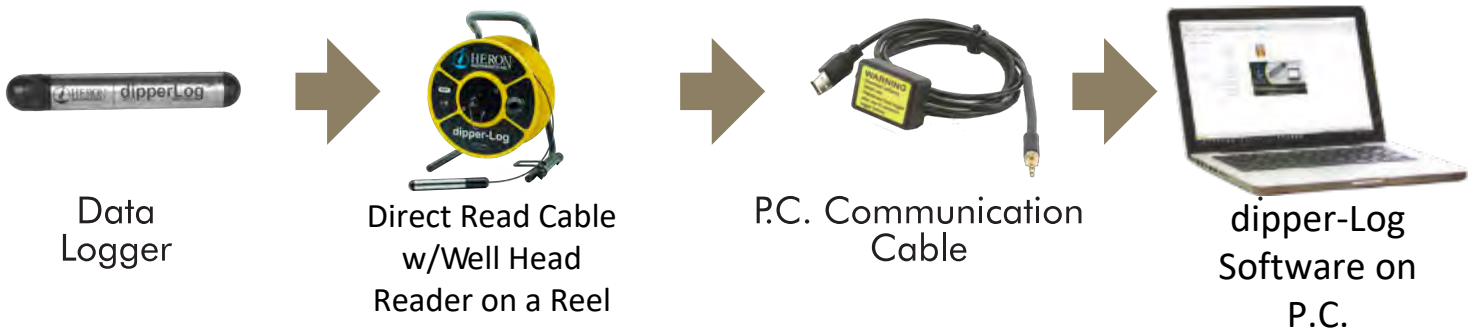
Direct Read Cable

dipper-Log+

Zero Point



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			
		(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
dipper-Log 128+ <u>THE MOST DATA, BATTERY LIFE & ALL PRESSURE RANGES:</u> * 2 Year Warranty * <u>128,000</u> Pressure & Temperature Data sets * Expected battery life up to 15 years		54128-B-STD	54128-C-STD	54128-D-STD	54128-E-STD
dipper-Log TOUGH+ <u>THE MOST DATA, BATTERY LIFE & 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		54T-B-STD	54T-C-STD	54T-D-STD	54T-E-STD

Accessories for Reel Absolute Model:

REQUIRED COMPONENTS	PART#
dipper-Log 128+/TOUGH + with Reel	SEE PAGE 40
P.C. Communication Cable	5009
Direct Read Cable	SEE BELOW

OTHER OPTIONS AVAILABLE	PART#
barlog (1 per job location every 5km/3mi radius)	5116
dipper-log Maintenance Kit - Alconox Powder, O-Rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024

**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	PAR
2M/6F	5110NMK
5M/15F	5111NMK
10M/30F	5119NMK
15M/50F	5112NMK
30M/100F	5113NMK
45M/150F	5114NMK
60M/200F	5115NMK
75M/250F	5117NMK
100M/300F	5118NMK
150M/500F	5120NMK
225M/750F	5121NMK
280M/925F	5122NMK



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

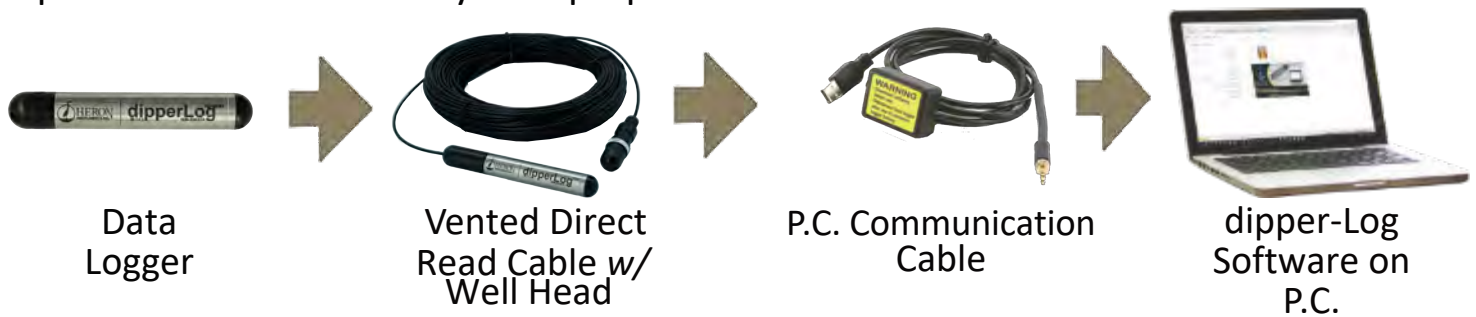
Direct Read Cable

dipper-Log+

Zero Point



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:

dipper-Log VENTED+				
Includes Well Head Reader and well Mounting Kit 2 Year warranty 128,000 Pressure & Tempertaure Data Sets 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 #	
dipper-Log VENTED+ w/Vented Well Head Reader & Mounting Kit	SEE ABOVE	
PC Communication Cable	5009	
VENTED Direct Read Cable	5032M	
(By M/FT)	5032F	

OTHER OPTIONS AVAILABLE	PART #	
Hinged Lockable Well Cap 2" (50mm)	5007	
TapNtell Surface Display	5020	
Mounting Kit	5023	
Accessory Case	5024	



•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:

4-20mA Pressure Transmitter 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) USD 571 2 wire 4-20mA current loop for signal transmission				
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 #
4-20mA Pressure Transmitter	SEE ABOVE
VENTED Direct Read Cable (By M/FT)	5032M 5032F

OTHER OPTIONS AVAILABLE	PART #
Digital Display for 4-20mA (Includes Vent Filter)	5031
Vent Filter	5034
Accessory Case	5024



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).

