

WATER LEVEL METERS / BOREHOLE INSPECTION CAMERAS / DATA LOGGERS

**GROUNDWATER
MONITORING EQUIPMENT**

For Good Measure

2022

TWENTY TWENTY TWO



PRODUCT CATALOGUE

WWW.HERONINSTRUMENTS.COM

Head Office

Ontario, Canada

Tel: 905-628-4999
Toll Free: 1-800-331-2032
(North America)

447 Moxley Rd.
Dundas, ON L9H 5E2
Canada

Distribution Warehouse

New York, U.S.A.

Tel: 905-628-4999
Toll Free: 1-800-331-2032
(North America)

4392 Broadway
Depew, NY 14043
USA

Place an Order

By Email: orderdesk@heroninstruments.com
By Phone: 905-628-4999 or 1-800-331-2032

Sales

Terri Kernaghan ext.100
terri@heroninstruments.com

Eric Camilleri ext.110
eric@heroninstruments.com

Service & Repair

Water Level Meter Service ext.105
service@heroninstruments.com

Data Logger Service ext.103
loggersupport@heroninstruments.com

Research & Development

David Mackie ext.103
dmackie@heroninstruments.com

Dave Brooks ext.103
dbrooks@heroninstruments.com

Shipping/Receiving

Shipping ext.109
shipping@heroninstruments.com

Purchasing

Judy Barton ext.107
purchasing@heroninstruments.com



WE ARE PROUD TO INTRODUCE AND RECOGNIZE TWO MEMBERS OF OUR TEAM THIS YEAR. TERRI HAS BEEN A MAJOR INFLUENCE AT HERON OVER THE PAST 20 YEARS AND IS CURRENTLY LEADING THE INSIDE SALES TEAM. MICHELLE IS OUR INTERNATIONAL FREIGHT SPECIALIST RESPONSIBLE FOR WORLDWIDE LOGISTICS, A PROVEN ASSET FOR OUR COMPANY. MAY WE INTRODUCE



TERRI KERNAGHAN



MICHELLE CONNORS

*For more than **25** years,
Heron Instruments has designed and manufactured the
finest quality ground water instrumentation in the world.*

Member Associations:



Ontario Ground
Water Association



HERON FEATURES

**BUILT-IN
Well Hanger
Support and
Tape Guide**

**STAINLESS
BALL
BEARINGS
– EZ Wind**

**ELECTRONIC
PANEL -
Modular
Design, Fully
Encapsulated
to IP65**

**FIBERGLASS
REINFORCED –
To prevent
cracking in
frigid
temperatures**

**TAPE AND
PROBE –
Modular
Replacement,
only 2 screws
DONE!**

**SHEAR PIN
STYLE LINKAGE
– To save your
tape in event
of a stuck probe**

**Carry Cases
FREE
with unit purchase**



Replacement Parts

Longliner (Series 4000)

Tape & Water Level Probe Replacement (A) Polyethylene Coated Steel Tape with 5/8" (16mm) Water Level Probe Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
450M/1500FT	40450-M	401500-F	\$2203
600M/2000FT	40600-M	402000-F	\$2864
750M/2500FT	40750-M	402500-F	\$3500
900M/3000FT	40900-M	403000-F	\$4200
1000M/3500FT	401000-M	403500-F	\$4875
1200M/4000FT	401200-M	404000-F	\$5600

Longliner Replacement Probe Kit (Fixed Probe)

DESCRIPTION	PART #	\$USD
5/8" (16mm) Water Level Probe Kit (Fixed) - Probe, Cap, Crimps, Syringe	1209	156
5/8" (16mm) Water Level Probe Kit (Fixed) (Extra Long Link) - Probe, Cap, Crimps, Syringe	1207	162
5/8" (16mm) Teflon-Free Water Level Probe Kit (Fixed) - Probe, Cap, Crimps, Syringe	1212	177
5/8" (16mm) Teflon-Free Water Level Probe Kit (Fixed) (Extra Long Link) - Probe, Cap, Crimps, Syringe	1210	181
5/8" (16mm) Water Level Probe Kit with Weight (Fixed) - Probe, Cap, Crimps, Syringe	1215	228
5/8" (16mm) Water Level Probe Kit with Weight (Fixed) (Extra Long Link) - Probe, Cap, Crimps, Syringe	1213	233

Handle Kits

DESCRIPTION	PART #	\$USD
Folding Cart Handle	4030	263
Removable Hand Crank	4033	155

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Electronic Panel

DESCRIPTION	PART #	\$USD
For Large Reel	1124	207

Electronics Kit -

Battery Box, Battery, Push Button Cap, Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1145	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	4048	26



Tape & Probe Replacement



1204



Thumb Screws (x2)
(1136)





Water Level Meter Value Bundles



Specialty Probe Set for dipper-T (Series 1100)

DESCRIPTION	PART #	\$USD
• 1x Teflon-Free Water Level Probe 5/8" (16mm) (Detachable)	VB02	616
• 1x Well Depth Indicator Probe 5/8" (16mm) (Detachable)		
• 1x Well Casing Indicator Probe 5/8" (16mm) (Detachable)		



dipper-T Four Function Bundle

DESCRIPTION	PART #	\$USD
• dipper-T (Series 1100) any tape length	See page 10	
• Well Depth Indicator Probe	VB11	436
• Well Casing Indicator Probe		

Water Level Meters

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

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

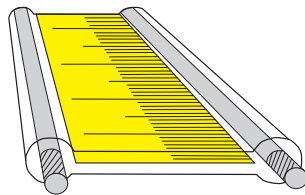
Heron water level meters are manufactured to be modular for easy cleaning and servicing. Each meter comes with a rugged protective case to store and easily transport your instrument.

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

Water Level Meter Selection Chart						
	dipper-Tag (Series 1500) Page: 20	SKINNY DIPPER (Series 1300) Page: 18	water tape (Series 1900) Page: 16	dipper-Tough (Series 1400) Page: 14	dipper-T2 (Series 1200) Page: 12	dipper-T (Series 1100) Page: 10
Static Levels	✓	✓	✓	✓	✓	✓
Drawdown		✓	✓	✓	✓	✓
Fully Pressure Rated Probe	✓	✓	✓	✓	✓	✓
Teflon-Free Probe Option	Standard				✓	✓
3/8"(9.5mm) Probe Option				✓	✓	
Field Replaceable Probe						✓
Well Depth Indicator Probe Option						✓
Steel Casing Indicator Probe Option						✓
Tape Type (See Chart Below)	C	D	C	B	A	A

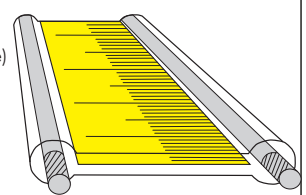
A - Premium Accuracy/Quality Polyethylene

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



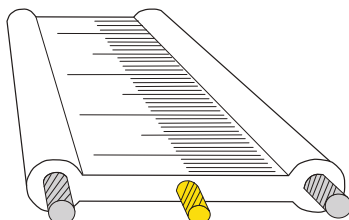
B - Premium Accuracy/Quality Kynar™

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



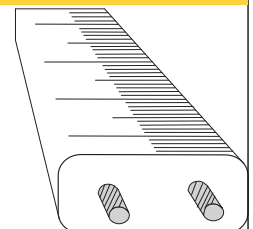
C - Medium Grade Tape

- Durable **Polyethylene** tape
- Reinforced with stretch resistant **Kevlar**
- Dog bone profile



D - Narrow Medium Grade Tape

- 1/4" (6.5mm) Wide
- ☐ **Polyethylene** tape
- S/S conductors (2)
- Oval profile
- Better than coaxial cable (+Legibility)



(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

- Measures **depth to water** accurately
- Easily collect **drawdown** data to calculate well production
- ☐ **Removable probe** for options:
 - Well Depth Indicator Probe
 - Well Casing Indicator Probe
 - Teflon Free Probe



Included:

- Premium Stainless Steel Polyethylene Coated Tape (A)
- 5/8" (16mm) Water Level Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- 9V Battery
- Padded Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1100-30M	1100-100F	680
45M / 150FT	1100-45M	1100-150F	740
60M / 200FT	1100-60M	1100-200F	795
100M / 300FT	1100-100M	1100-300F	908
150M / 500FT	1100-150M	1100-500F	1110
200M / 750FT	1100-200M	1100-750F	1586
300M / 1000FT	1100-300M	1100-1000F	1903
450M / 1500FT	1100-450M	1100-1500F	2914
600M / 2000FT	1100-600M	1100-2000F	3670

OPTIONS	PART #	ADD
Compatible Well Depth Probe	1101	264
Compatible Well Casing Indicator Probe	1102	287
Teflon-Free Water Level Meter Probe	1103	230

One Unit: Four Functions

- Static Levels
- drawdown
- Well Casing
- Well Depth



1101

1102

1103

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-M	11100-F	290
45M / 150FT	1145-M	11150-F	360
60M / 200FT	1160-M	11200-F	428
100M / 300FT	11100-M	11300-F	567
150M / 500FT	11150-M	11500-F	847
200M / 750FT	11200-M	11750-F	1197
300M / 1000FT	11300-M	111000-F	1545
450M / 1500FT	11450-M	111500-F	2243
600M / 2000FT	11600-M	112000-F	2855

Connector Link for Detachable Water Level Probes

DESCRIPTION	PART #	\$USD
Connector Link Only - for Detachable Probes	1106	66
Connector Link Only - for Detachable Probes (Extra Long Link)	1107	72

Water Level Meter Probes (Detachable)

DESCRIPTION	PART #	\$USD
5/8" (16mm) Water Level Probe (Detachable)	1109	190
5/8" (16mm) Teflon-Free Water Level Probe (Detachable)	1103	230
Well Depth Indicator Probe	1101	264
Well Casing Indicator Probe	1102	287

Drawdown Electronic Panel

DESCRIPTION	PART #	\$USD
For Standard Reel	1121	200
For Large Reel	1124	207

Reel Assembly Kit -

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

DESCRIPTION	PART #	\$USD
Standard Reel	1130	353
Large Reel	1133	515

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit -

DESCRIPTION	PART #	\$USD
Hub Kit	1139	66

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	61

Electronics Kit -

Battery Box, Battery, Push Button Cap, Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1145	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	87
Large Carry Case	1157	103
Double Carry Case	1160	132

Plates Kit -

Front & Back Plates with Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon - Standard Frame	1166	116
13.5" (34cm) Aluminum - Large Frame	1169	126



Tape & Link Replacement



Carry Case (1154)



Reel Assembly Kit (1130)

- Measures **depth to water** accurately
- Easily collect **drawdown** data to calculate well production

☐ **Fixed Water Level Probe only**

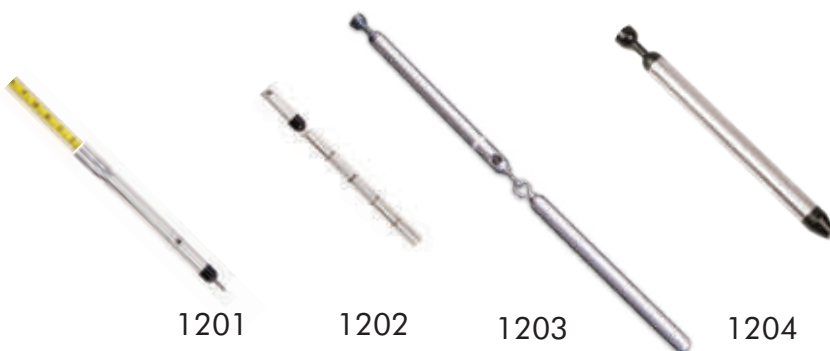


TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
22M / 75FT	1200-22M	1200-75F	633 (MINI FRAME)
30M / 100FT	1200-30M	1200-100F	680
45M / 150FT	1200-45M	1200-150F	740
60M / 200FT	1200-60M	1200-200F	795
100M / 300FT	1200-100M	1200-300F	908
150M / 500FT	1200-150M	1200-500F	1110
200M / 750FT	1200-200M	1200-750F	1586
300M / 1000FT	1200-300M	1200-1000F	1903
450M / 1500FT	1200-450M	1200-1500F	2914
600M / 2000FT	1200-600M	1200-2000F	3670

OPTIONS	PART #	ADD
3/8" (9.5mm) Probe	1201	52
Probe Weights 3/8" (9.5mm) (For lengths 100m/300ft +)	1202	72
5/8" (16mm) Probe w/ Weights	1203	97
5/8" (16mm) Teflon-Free Probe	1204	70

Included:

- Premium Stainless Steel Polyethylene Coated Tape (A)
- 5/8" (16mm) Water Level Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- 9V Battery
- Padded Storage/Carrying Case



Dual Functions

- Static Levels
- drawdown

Replacement Parts

dipper-T2 (Series 1200)

Tape & Water Level Probe Replacement

(A) Polyethylene Coated Steel Tape with 5/8" (16mm) Water Level Probe Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
22M / 75FT	1222-M	1275-F	353
30M / 100FT	1230-M	12100-F	366
45M / 150FT	1245-M	12150-F	434
60M / 200FT	1260-M	12200-F	504
100M / 300FT	12100-M	12300-F	640
150M / 500FT	12150-M	12500-F	881
200M / 750FT	12200-M	12750-F	1211
300M / 1000FT	12300-M	121000-F	1542
450M / 1500FT	12450-M	121500-F	2203
600M / 2000FT	12600-M	122000-F	2864

dipper-T2 Replacement Probe Kit

(Fixed Probes)

DESCRIPTION	PART #	\$USD
5/8" (16mm) Water Level Probe Kit (Fixed) - Probe, Cap, Crimps, Syringe	1209	156
5/8" (16mm) Water Level Probe Kit (Fixed) (Extra Long Link) - Probe, Cap, Crimps, Syringe	1207	162
5/8" (16mm) Teflon-Free Water Level Probe Kit (Fixed) - Probe, Cap, Crimps, Syringe	1212	177
5/8" (16mm) Teflon-Free Water Level Probe Kit (Fixed) (Extra Long Link) - Probe, Cap, Crimps, Syringe	1210	181
5/8" (16mm) Water Level Probe Kit with Weight (Fixed) - Probe, Cap, Crimps, Syringe	1215	228
5/8" (16mm) Water Level Probe Kit with Weight (Fixed) (Extra Long Link) - Probe, Cap, Crimps, Syringe	1213	233
5/8" (16mm) Mini Water Level Probe Kit (Fixed) - 30m/100ft> - Probe, Cap, Crimps, Syringe	1218	168
5/8" (16mm) Mini Water Level Probe Kit (Fixed) (Extra Long Link) - 30m/100ft> - Probe, Cap, Crimps, Syringe	1216	173
3/8" (9.5mm) Water Level Probe Kit (Fixed)	1221	185
3/8" (9.5mm) Water Level Probe Kit with Weights (Fixed) - Lengths 300ft/100m+	1222	242

Drawdown Electronic Panel

DESCRIPTION	PART #	\$USD
For Mini Reel	1124	207
For Standard Reel	1121	200
For Large Reel	1124	207

Reel Assembly Kit -

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

DESCRIPTION	PART #	\$USD
Mini Reel	1227	341
Standard Reel	1230	353
Large Reel	1233	515

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139	66

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	61

Electronics Kit -

Battery Box, Battery, Push Button Cap, Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1145	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Mini Carry Case	1251	76
Standard Carry Case	1154	87
Large Carry Case	1157	103
Double Carry Case	1160	132

Plates Kit -

Front & Back Plates with Stickers

DESCRIPTION	PART #	\$USD
6" (15cm) Nylon - Mini Frame	1263	105
10.5" (27cm) Nylon - Standard Frame	1266	116
13.5" (34cm) Aluminum - Large Frame	1269	126



Tape & Probe Replacement



3/8" (9.5mm) Water Level Probe Kit with Weights (1222)



Thumb Screws (x2) (1136)

- 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 (Fully Encapsulated to IP65)
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- 9V Battery
- Padded Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1400-30M	1400-100F	784
45M / 150FT	1400-45M	1400-150F	846
60M / 200FT	1400-60M	1400-200F	941
100M / 300FT	1400-100M	1400-300F	1098
150M / 500FT	1400-150M	1400-500F	1435
200M / 750FT	1400-200M	1400-750F	1847
300M / 1000FT	1400-300M	1400-1000F	2287



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-M	14100-F	542
45M / 150FT	1445-M	14150-F	694
60M / 200FT	1460-M	14200-F	784
100M / 300FT	14100-M	14300-F	1040
150M / 500FT	14150-M	14500-F	1260
200M / 750FT	14200-M	14750-F	1554
300M / 1000FT	14300-M	141000-F	1833

Frame Accessory Kit - <i>Plugs, Roller Tape Guide, Probe Holder</i>		
DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	61

Electronics Kit - <i>Battery Box, Battery, Push Button Cap, Thumb Screws (x2)</i>		
DESCRIPTION	PART #	\$USD
Electronics Kit	1145	58

Brake Kit - <i>Brake & Pad</i>		
DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Drawdown Electronic Panel

DESCRIPTION	PART #	\$USD
For Standard Reel	1121	200
For Large Reel	1124	207

Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	87
Large Carry Case	1157	103

Reel Assembly Kit - *Frame, Hub, Plates, Thumb Screws, Probe Holder, Stickers, Handle, Brake*

DESCRIPTION	PART #	\$USD
Standard Reel	1430	353
Large Reel	1433	515

Plates Kit - *Front & Back Plates with Stickers*

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon - Standard Frame	1466	116
13.5" (34cm) Aluminum- Large Frame	1469	126

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139	66



Tape & Water
Level Probe
Replacement



Drawdown
Electronic Panel
(1121)



Thumb Screws (x2)
(1136)



Brake Kit
(1148)



Plates Kit
(1466)

- Measures **depth to water** accurately
 - Easily collect **drawdown** data to calculate well production
- ☐ **Fixed Water Level Probe only**



Included:

- Polyethylene Tape w/ Heat Stamped Markings (C)
- 5/8" (16mm) Water Level Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- 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	1900-30M	1900-100F	575
60M / 200FT	1900-60M	1900-200F	672
100M / 300FT	1900-100M	1900-300F	778
150M / 500FT	1900-150M	1900-500F	971
200M / 750FT	1900-200M	1900-750F	1411
300M / 1000FT	1900-300M	1900-1000F	1720

CARRY CASE
ALWAYS
INCLUDED IN PRICE



Replacement Parts

water tape (Series 1900)

Tape & Water Level Probe Replacement (C) Polyethylene Tape with 5/8" (16mm) Water Level Probe Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1930-M	19100-F	268
60M / 200FT	1960-M	19200-F	381
100M / 300FT	19100-M	19300-F	492
150M / 500FT	19150-M	19500-F	717
200M / 750FT	19200-M	19750-F	998
300M / 1000FT	19300-M	191000-F	1280

water tape Replacement Probe Kit (Fixed Probes)

DESCRIPTION	PART #	\$USD
5/8" (16mm) Water Level Probe Kit (Fixed) - Probe, Cap, Crimps, Syringe	1209	156
5/8" (16mm) Water Level Probe Kit (Fixed) (Extra Long Link) - Probe, Cap, Crimps, Syringe	1207	162

Drawdown Electronic Panel

DESCRIPTION	PART #	\$USD
For Standard Reel	1121	200
For Large Reel	1124	207

Reel Assembly Kit -

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

DESCRIPTION	PART #	\$USD
Standard Reel	1930	353
Large Reel	1933	515

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139	66

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	61

Electronics Kit -

Battery Box, Battery, Push Button Cap, Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1145	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	87
Large Carry Case	1157	103

Plates Kit -

Front & Back Plates with Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon - Standard Frame	1966	116
13.5" (34cm) Aluminum- Large Frame	1969	126



Thumb Screws (x2)
(1136)



Frame Accessory Kit
(1142)



Tape & Water
Level Probe
Replacement



Reel Assembly Kit
(1930)



Carry Case
(1154)

- 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 (**NEW**)
- 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 w/ holder
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- Sensitivity dial to tune out cascading water
- Vinyl, ergonomic holding grip
- 9V Battery
- Padded Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1300-30M	1300-100F	613
60M / 200FT	1300-60M	1300-200F	698
100M / 300FT	1300-100M	1300-300F	786
150M / 500FT	1300-150M	1300-500F	969



**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 Probe Included

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1330-M	13100-F	333
60M / 200FT	1360-M	13200-F	422
100M / 300FT	13100-M	13300-F	510
150M / 500FT	13150-M	13500-F	696

Drawdown Electronic Panel

DESCRIPTION	PART #	\$USD
For Standard Reel	1121	200

Reel Assembly Kit -

Frame, Hub, Plates, Probe Holder, Thumb Screws, Stickers, Handle, Break.

DESCRIPTION	PART #	\$USD
Standard Reel	1330	353

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139	66

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1342	61

Electronics Kit -

Battery Box, Battery, Push Button Cap, Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1145	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	87

Plates Kit -

Front & Back Plates with Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon - Standard Frame	1366	116



Electronics Kit
(1145)



Brake Kit
(1148)



Carry Case
(1154)



Tape & Water
Level Probe
Replacement

- Our most affordable and basic water depth instrument
- Measures **depth to water** acoustically. Manual Monitoring
- Attach bailers for **groundwater sampling**
- Attach **Data Loggers** to measure water levels and temperature for short term analysis.



Included:

- Polyethylene Tape (C)
- 1" (25mm) Stainless Steel (Grade 316) Plover
- Stainless Steel Spring Clip - to attach included plover or other attachments (Bailers/Data Loggers/dipper-See H₂GO/etc.)
- Vinyl, ergonomic holding grip
- Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1500-30M	1500-100F	434
60M / 200FT	1500-60M	1500-200F	543
100M / 300FT	1500-100M	1500-300F	652
150M / 500FT	1500-150M	1500-500F	870
200M / 750FT	1500-200M	1500-750F	1196
300M / 1000FT	1500-300M	1500-1000F	1469

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



MULTI-PURPOSE
TAGLINE

Replacement Parts

dipper-Tag (Series 1500)

Tape & Clip Replacement

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

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1530-M	15100-F	203
60M / 200FT	1560-M	15200-F	317
100M / 300FT	15100-M	15300-F	430
150M / 500FT	15150-M	15500-F	620
200M / 750FT	15200-M	15750-F	887
300M / 1000FT	15300-M	151000-F	1155

Weighted Plopper

DESCRIPTION	PART #	\$USD
1" (25mm) Weighted Plopper (717g)	1514	66

Cover Plate

DESCRIPTION	PART #	\$USD
5" (13cm) Aluminum Cover Plate	1522	36

Reel Assembly Kit -

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

DESCRIPTION	PART #	\$USD
Standard Reel	1530	353
Large Reel	1533	515

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1539	66

Frame Accessory Kit -

Plugs, Roller Tape Guide

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1542	61

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	87
Large Carry Case	1157	103

Plates Kit -

Front & Back Plates with Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon - Standard Frame	1566	116
13.5" (34cm) Aluminum- Large Frame	1569	126



Cover Plate (1522)



Weighted Plopper (1514)



Plates Kit (1566)



Tape & Stainless Steel Clip Replacement



Carry Case (1154)

Back in 1995, Heron Instruments founder Donald Toon created our first oil/water interface meter the H.OIL. Fast forward to 2022, and we continue to make the most accurate and rugged interface meter in the world.

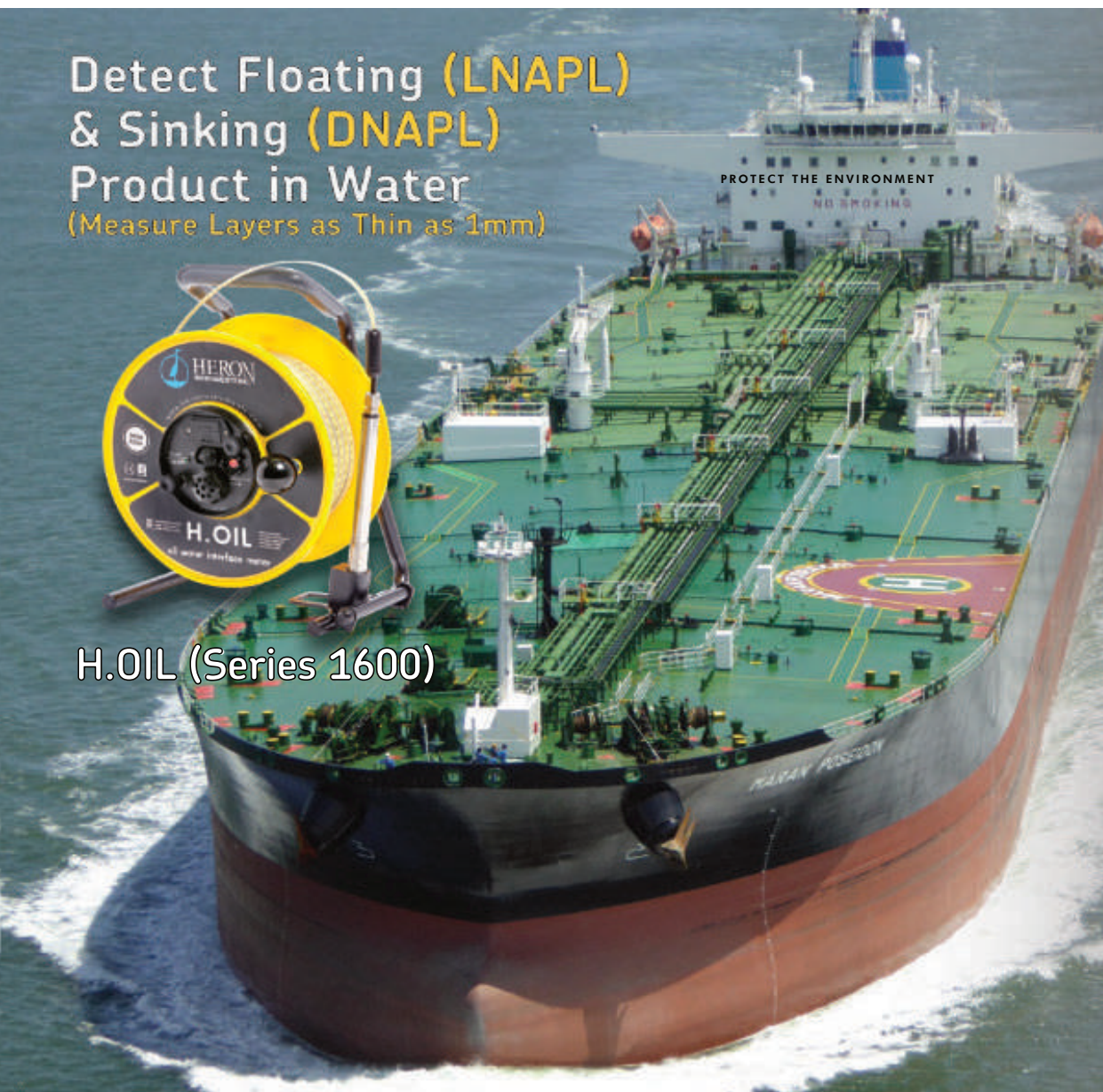
Heron oil/water interface meters are used to measure the interface levels between two liquids in the same tank, vessel, well or aquifer. The probe can easily and accurately detect floating product (LNAPL), sinking product (DNAPL) and water with different audio and visual indicators.

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

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



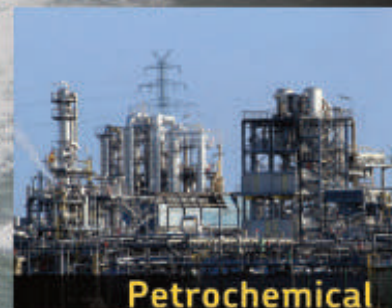
H.OIL (Series 1600)



Oil & Gas



Remediation



Petrochemical

Conductivity, Temperature & Water Level Meters

(Series 1700, 1800)

For environmental professionals or those involved in the 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 a simple 1 point calibration using a 1413 μ S standard, it is an excellent tool for use in both groundwater wells and surface water.

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.

dipper-Temp (Series 1800)



- Measures **interface levels between two liquids**
- CSA Intrinsically Safe Certification
- 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)
- CSA Intrinsically Safe Certification w/ Class I, Groups A,B,C and D in zones 0 & 1
- 3/4" (19mm) Interface Probe (IP68)
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- Grounding Lead
- Vinyl, ergonomic holding grip
- 9V Battery
- Padded Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
15M / 50FT	1600-15M	1600-50F	996
20M / 60FT	1600-20M	1600-60F	1014 (MINI FRAME)
30M / 100FT	1600-30M	1600-100F	1042
45M / 150FT	1600-45M	1600-150F	1142
60M / 200FT	1600-60M	1600-200F	1244
100M / 300FT	1600-100M	1600-300F	1445
150M / 500FT	1600-150M	1600-500F	1762
200M / 750FT	1600-200M	1600-750F	2093
300M / 1000FT	1600-300M	1600-1000F	2703



**CERTIFIED
INTRINSICALLY SAFE**

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)	
15M / 50FT	1615-M	1650-F	377
20M / 60FT	1620-M	1660-F	400
30M / 100FT	1630-M	16100-F	457
45M / 150FT	1645-M	16150-F	538
60M / 200FT	1660-M	16200-F	617
100M / 300FT	16100-M	16300-F	778
150M / 500FT	16150-M	16500-F	1099
200M / 750FT	16200-M	16750-F	1500
300M / 1000FT	16300-M	161000-F	1850

Connector Link for Interface Probes

DESCRIPTION	PART #	\$USD
Connector Link Only - for Oil/Water Interface Probes	1603	70
Connector Link Only - for Oil/Water Interface Probes (Extra Long Link)	1606	76

Oil/Water Interface Replacement Probe

(Detachable)

DESCRIPTION	PART #	\$USD
3/4" (19mm) Oil/Water Interface Probe (Detachable)	1609	218
3/4" (19mm) Mini Oil/Water Interface Probe (Detachable)	1615	218

Oil/Water Interface Electronic Panel

DESCRIPTION	PART #	\$USD
For Mini Reel	1624	207
For Standard Reel	1621	200
For Large Reel	1624	207

Ground Lead

DESCRIPTION	PART #	\$USD
Oil/Water Interface Ground Lead	1675	56

Oil/Water Interface Support Kit -

with Spare Probe, Battery, Thumb Screws, Wrenches, Cleaning Brush, Testing Bottle, Oil Cleaning Cloth

DESCRIPTION	PART #	\$USD
H.OIL Kit	1679	264
Mini H.OIL Kit	1682	264



Support Kit
(1679)

Reel Assembly Kit -

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

DESCRIPTION	PART #	\$USD
Mini Reel	1627	353
Standard Reel	1630	364
Large Reel	1633	526

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1639	66

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1642	61

Electronics Kit -

Battery Box, Battery, Push Button Cap, Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1145	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Mini Carry Case	1251	76
Standard Carry Case	1154	87
Large Carry Case	1157	103

Plates Kit -

Front & Back Plates with Stickers

DESCRIPTION	PART #	\$USD
6" (15cm) Nylon - Mini Frame	1663	105
10.5" (27cm) Nylon - Standard Frame	1666	116
13.5" (34cm) Aluminum - Large Frame	1669	126



Electronics Kit
(1145)

- Ideal for measuring **conductivity, temperature, and water levels**
- Accurately display conductivity up to **80,000 μ S** and **temperatures** up to **50°C**
- Excellent for **early detection** of **saltwater intrusion** in areas with high levels of salinity Ex. Coastal Sites



Included:

- Premium Stainless Steel Polyethylene Coated Tape (A)
- 7/8" (22mm) Conductivity Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- High Contrast LCD Display
- Vinyl, ergonomic holding grip
- 9V Battery
- Padded Storage/Carrying Case
- 1 x 1413 μ S Conductivity Solution

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1700-30M	1700-100F	1120
45M / 150FT	1700-45M	1700-150F	1176
60M / 200FT	1700-60M	1700-200F	1243
100M / 300FT	1700-100M	1700-300F	1373
150M / 500FT	1700-150M	1700-500F	1665
200M / 750FT	1700-200M	1700-750F	2109
300M / 1000FT	1700-300M	1700-1000F	2441

OPTIONS	PART #	ADD
Additional 1413 μ S Conductivity Solution	1714	8 (Each)



1714



DETECTS SALTWATER INTRUSION

Replacement Parts

conductivity plus (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	1730-M	17100-F	271
45M / 150FT	1745-M	17150-F	305
60M / 200FT	1760-M	17200-F	373
100M / 300FT	17100-M	17300-F	509
150M / 500FT	17150-M	17500-F	760
200M / 750FT	17200-M	17750-F	1090
300M / 1000FT	17300-M	171000-F	1421

Connector Link for Conductivity Probes

DESCRIPTION	PART #	\$USD
Connector Link Only - for Conductivity Probes	1703	70
Connector Link Only - for Conductivity Probes (Extra Long Link)	1706	76

Conductivity Replacement Probe

(Detachable)

DESCRIPTION	PART #	\$USD
7/8" (22mm) Conductivity Probe (Detachable)	1709	334

Conductivity Electronic Panel

DESCRIPTION	PART #	\$USD
Conductivity Panel	1721	288

Reel Assembly Kit -

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

DESCRIPTION	PART #	\$USD
Standard Reel	1730	364
Large Reel	1733	526



Conductivity Electronic Panel (1721)



Connector Link (1703)



Plates Kit (1766)



Thumb Screws (x2) (1136)

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139	66

Frame Accessory Kit -

Plugs, Roller Tape Guide, Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1642	61

Electronics Kit -

Battery Box, Battery, Push Push Button Cap(x2), Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1745	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	87
Large Carry Case	1157	103

Plates Kit -

Front & Back Plates with Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon - Standard Frame	1766	116
13.5" (34cm) Aluminum- Large Frame	1769	126

- For **profiling temperature** and **static water levels**
- **Kynar™** coated **stainless steel tape** for profiling up to **130°C**
- Used in wells, boreholes, standpipes, lakes, rivers etc.



Included:

- Premium Stainless Steel Kynar™ Coated Tape (B)
- 5/8" (16mm) Temperature Probe (IP68) w/ holder
- Electronic Panel with audio and visual signals (Fully Encapsulated to IP65)
- High Contrast LCD Display
- Vinyl, ergonomic holding grip
- 9V Battery (w/ battery test button)
- Audio On/Off Control
- Padded Storage/Carrying Case

TAPE LENGTH (M/FT)	MODEL #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1800-30M	1800-100F	1221
45M / 150FT	1800-45M	1800-150F	1320
60M / 200FT	1800-60M	1800-200F	1420
100M / 300FT	1800-100M	1800-300F	1621
150M / 500FT	1800-150M	1800-500F	2042
200M / 750FT	1800-200M	1800-750F	2442
300M / 1000FT	1800-300M	1800-1000F	2776



**ACCURATE
TEMPERATURE
READINGS IN
SECONDS**

Replacement Parts

dipper-Temp (Series 1800)

Tape & Temperature Probe Replacement

(B)Kynar TM Coated Steel Tape with
5/8"(16mm) Temperature Probe Included.

TAPE LENGTH (M/FT)	PART #		\$USD
	METRIC (M)	IMPERIAL (FT)	
30M / 100FT	1830-M	18100-F	480
45M / 150FT	1845-M	18150-F	574
60M / 200FT	1860-M	18200-F	639
100M / 300FT	18100-M	18300-F	801
150M / 500FT	18150-M	18500-F	1125
200M / 750FT	18200-M	18750-F	1523
300M / 1000FT	18300-M	181000-F	1961

Temperature Electronic Panel

DESCRIPTION	PART #	\$USD
Temperature Panel	1821	289

Reel Assembly Kit -

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

DESCRIPTION	PART #	\$USD
Standard Reel	1830	353
Large Reel	1833	515

Thumb Screws (x2)

DESCRIPTION	PART #	\$USD
Thumb Screws Set (x2)	1136	16

Hub Kit

DESCRIPTION	PART #	\$USD
Hub Kit	1139	66

Frame Accessory Kit -

Plugs, Roller Tape Guide,
Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	61

Electronics Kit -

Battery Box, Battery, Push
Button Cap(x2), Thumb
Screws (x2)

DESCRIPTION	PART #	\$USD
Electronics Kit	1745	58

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	26

Carry Cases

DESCRIPTION	PART #	\$USD
Standard Carry Case	1154	87
Large Carry Case	1157	103

Plates Kit -

Front & Back Plates with
Stickers

DESCRIPTION	PART #	\$USD
10.5" (27cm) Nylon - Standard Frame	1866	116
13.5" (34cm) Aluminum- Large Frame	1869	126



Electronics Kit
(1745)



Thumb Screws (x2)
(1136)



Carry Case
(1154)

Heron Instruments' vertical 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)

**Glove Box
Quick Look Model
LOW COST!**

H₂GO (Series 2200)

**NO HARDWIRE
DATA
TRANSMISSION
=
CRYSTAL CLEAR HD
VIDEO**

EXAMINER (Series 2000)

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



Included:

- White Polyethylene Tape
- 1" (25mm) Fully Submersible Camera Probe (IP68) (Replaceable) w/ holder
- Ultra-Bright LEDs
- 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	5532
300M / 1000FT	2000-300M	2000-1000F	6412

OPTIONS	PART #	ADD
Retrieval Magnet	2001	59



2001



**Included
Accessories
w/ Separate Case**

Replacement Parts

dipper-See EXAMINER (Series 2000)

dipper-See Replacement Probe

(Detachable Probe)

DESCRIPTION	PART #	\$USD
1" (25mm) Camera Probe (120° View)	2009	1249

Accessory Case w/ Parts -

DVR Parts, SD Card,
Batteries (x2), Charger,
Retrieval Hook, Cleaning
Cloth, Alconox Probe
Cleaner

DESCRIPTION	PART #	\$USD
Accessory Case with Parts	2003	1250

DVR Kit -

DVR, Remote, Cable,
Velcro + Microphone

DESCRIPTION	PART #	\$USD
DVR Kit	2006	520

DVR Remote

DESCRIPTION	PART #	\$USD
DVR Remote	2012	38

Battery Kit -

Batteries (x2), Battery
Charger

DESCRIPTION	PART #	\$USD
Battery Kit	2015	570

Microphone

DESCRIPTION	PART #	\$USD
3.5mm Microphone	2018	20

Retrieval Hook

DESCRIPTION	PART #	\$USD
Retrieval Hook Attachment	2021	59

Centralizer

DESCRIPTION	PART #	\$USD
Centralizer Attachment	2024	70

Sun Visor

DESCRIPTION	PART #	\$USD
Sun Visor w/ Velcro	2027	30

Probe Holder

DESCRIPTION	PART #	\$USD
Probe Holder	2030	30

Frame Accessory Kit -

Plugs, Roller Tape Guide,
Probe Holder

DESCRIPTION	PART #	\$USD
Frame Accessory Kit	1142	61

Brake Kit -

Brake & Pad

DESCRIPTION	PART #	\$USD
Brake Kit	1148	24

Cases

DESCRIPTION	PART #	\$USD
Accessory Case (Without Parts)	2054	52
Standard Rugged Wheeled Case	2057	625
Large Rugged Wheeled Case	2060	795



DVR Kit
(2006)



Replacement Probe
(2009)



Well Jake? What do you say we have a quick look- **SEE** before we head back to the shop?

That's a great idea Austin!

I've got one of those **H2GO** 's in the glove box. We'll take a video and send it to the boss so they can decide.



Step 1:
Record Footage



Step 2:
Eject Memory Card



Step 3:
Watch Playback

Deploy with included deployment cord or bundle with our dipper-Tag

dipper-See H₂GO (Series 2200)

Underwater Drop Camera

- **Most Portable** Borehole Camera in the World
- Record up to **5 hours** of footage on a single charge
- Long Term **Logging Mode** - Leave in the well and record 20 second clips every hour for up to a month!
- Insert **microSD** into smartphone/tablet or computer for footage playback



Included:

- 1.25" (32mm) 1080p HD (30fps) Rechargeable, Fully Submersible (IP68) Camera Probe
 - 7 Ultra-Bright Cree™ LEDs w/ 3 Adjustable Brightness Options
 - 170° Wide Viewing Angle
 - 100% Custom Electronics
 - 1.25" (32mm) Wide x 7.85" (200mm) Long
 - Battery Status Indication
- Camera Probe Centralizer (for 4" (10cm) & 6" (15cm) Ø Holes w/ #2 Phillips Screwdriver)
- USB-C Charging Cable w/ Wall Plug
- 64GB microSD + SD Adapter
- Polyethylene Deployment Cord (75m/250ft)
- Rugged Carry Case

dipper-See H ₂ GO - <small>Camera Probe, Centralizer, Charging Cable, Wall Plug, microSD Card w/ SD Adapter, Deployment Cord, Carry Case</small>		
DESCRIPTION	MODEL #	\$USD
dipper-See H2GO	2200	1850

Centralizer Kit - <small>Replacement 4" (10cm) & 6" (15cm) Guides, Probe Clamp</small>		
DESCRIPTION	PART #	\$USD
Centralizer Kit	2224	110

Charging Kit - <small>Charging Cable, Wall Plug</small>		
DESCRIPTION	PART #	\$USD
Charging Kit	2218	50

Carry Case/Accessories		
DESCRIPTION	PART #	\$USD
Rugged Carry Case Only	2254	135
Rugged Carry Case w/ Accessories	2257	280

Deployment Cord		
DESCRIPTION	PART #	\$USD
75m/250ft Polyethylene Deployment Cord	5025	55
300m/1000ft Polyethylene Deployment Cord	5026	215



Rugged Carry Case (2254)

		Groundwater Data Loggers		
Logger Type		dipperLog TOUGH+	dipperLog 128+	dipperLog 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 E1112 and ISO 80601-2-56. NIST Traceability.	+/- 0.05°C Temperature Sensor Meets ASTM E1112 and ISO 80601-2-56. NIST Traceability.	+/- 0.05°C Temperature Sensor Meets ASTM E1112 and ISO 80601-2-56. NIST Traceability.
Operating Features	Pressure Ranges	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)
	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	3 Years	3 Years	3 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 / 0.87"	22mm / 0.87"	22mm / 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**



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Barometric Loggers / Pressure Transmitters

(barog, 4-20mA Pressure Transmitter)

Barometric Loggers		Pressure Transmitters	Logger Type	Performance
dipperLog 64+	barLog	4-20mA Pressure Transmitter	# of Data Sets	
64,000	128,000	N/A	Download speed	
21,333.33/min	21,333.33/min	N/A	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)	Operating Features
+/- 0.5°C	+/- 0.05°C Temperature Sensor Meets ASTM E1112 and ISO 80601-2-56 NIST Traceability.	N/A	Pressure Ranges	
10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)	N/A	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)	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	Physical Characteristics
0.01	0.01	N/A	Battery Life (depending on usage)	
Up to 3,750,000 Readings Up to 10 Years	Up to 5,000,000 Readings Up to 15 Years	N/A	Warranty	
2 Years	3 Years	3 Years	Wattted Material	
316 SS, Delrin®, Buna-N	N/A	316 SS, Delrin®, Buna-N	O-Ring (Primary)	Physical Characteristics
Buna-N	Buna-N	Buna-N	O-Ring (Backup)	
Viton	Viton	Viton	Transducer	
316 SS Piezoresistive Silicon	316 SS Piezoresistive Silicon	316 SS Piezoresistive Silicon	Length	
145mm / 5.7"	145mm / 5.7"	145mm / 5.7"	Diameter	Physical Characteristics
22mm / 0.87"	22mm / 0.87"	22mm / 0.87"	Weight	
170g	170g	170g	Deployment Options	
Suspended, Direct Read, Reel	N/A	N/A		



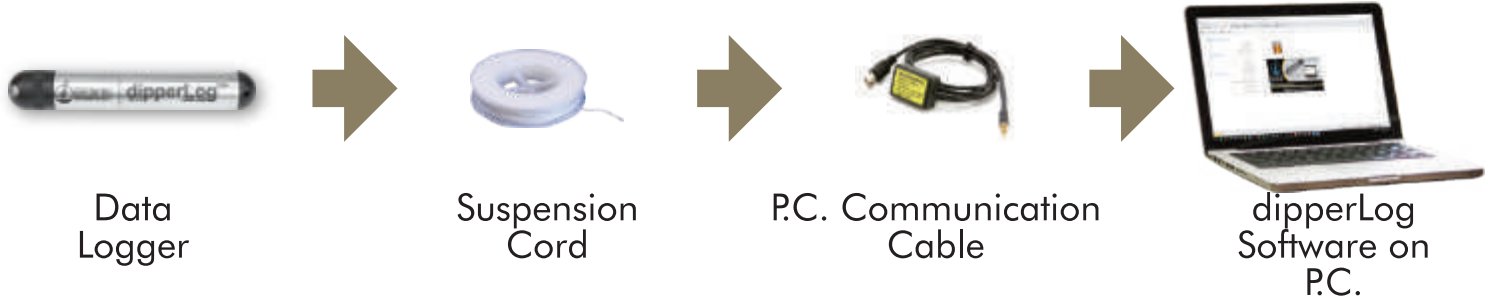
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***DOWNLOAD OUR FREE
DATA LOGGER SOFTWARE AT
www.heroninstruments.com**

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			
Choose Logger:	USD\$	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
dipperLog 64+ MORE DATA, BATTERY LIFE & PRESSURE RANGES: <ul style="list-style-type: none"> 2 Year Warranty 64,000 Pressure & Temperature Data Sets Expected battery life up to 10 years 	\$515	5464-B	5464-C	5464-D	5464-E
dipperLog 128+ THE MOST DATA, BATTERY LIFE & ALL PRESSURE RANGES: <ul style="list-style-type: none"> 3 Year Warranty 128,000 Pressure & Temperature Data Sets Expected battery life up to 15 years 	\$538	54128-B	54128-C	54128-D	54128-E
dipperLog TOUGH+ PREMIUM TITANIUM MODEL FOR HARSH ENVIRONMENTS: <ul style="list-style-type: none"> 3 Year Warranty Titanium body, Teflon™ encapsulated O-Rings, PREMIUM Suitable for use in most caustic & hazardous environments 128,000 Pressure & Temperature Data Sets Expected battery life up to 15 years 	\$817	54T-B	54T-C	54T-D	54T-E

Accessories for Suspended Absolute Model:

REQUIRED COMPONENTS	PART #	\$USD
dipperLog 64+/128+/TOUGH+	SEE PAGE 38	
dipperLog Software	5008	FREE
P.C. Communication Cable	5009	95
barLog (1 per job location every 5km/3mi radius)	5116	349
Polyethylene Suspension Cord (75m/250ft)	5025	55
(300m/1000ft)	5026	215

OTHER OPTIONS AVAILABLE	PART #	\$USD
Lockable Well Plug 2" (50mm)	5006	25
dipperLog Maintenance Kit - Alconox Powder, O-Rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024	74
Accessory Case	5054	50

Data Logger Value Bundles



dipperLog 128+ 6-Pack/barLog Bundle

DESCRIPTION	PART #	\$USD
• 6x dipperLog 128+ (Any Pressure Range)	VB01	3280
• FREE barLog		
• 1x Carry Case		



dipperLog 128+ Starter Kit

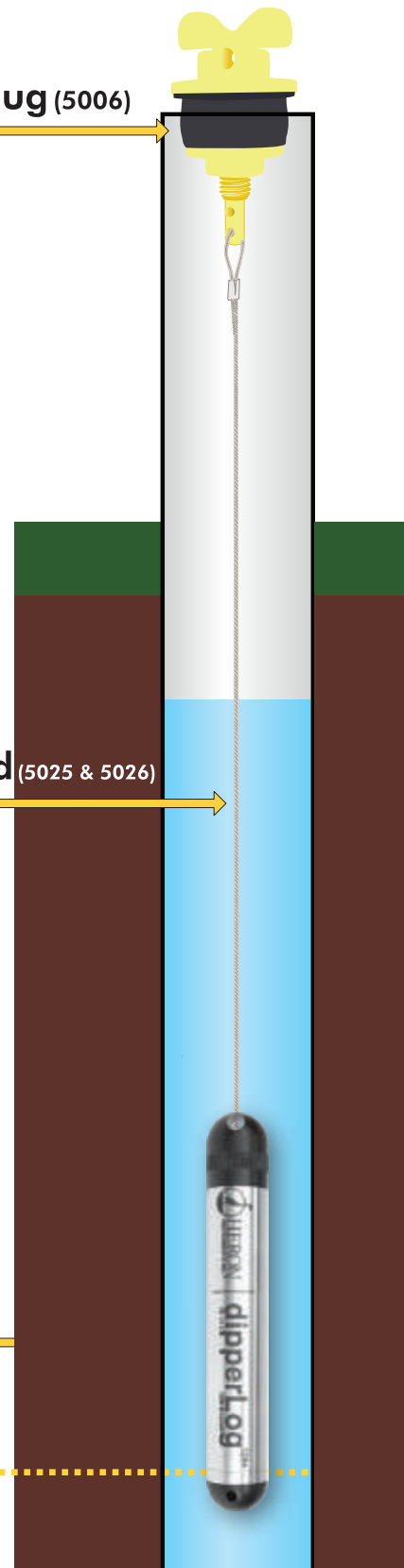
DESCRIPTION	PART #	\$USD
• 1x dipperLog 128+	VB04	685
• 1x PC Communication Cable		
• 1x Suspension Cord (250ft/75m)		
• 1x Carry Case		
• 1x dipperLog Software		

Lockable Well Plug (5006)

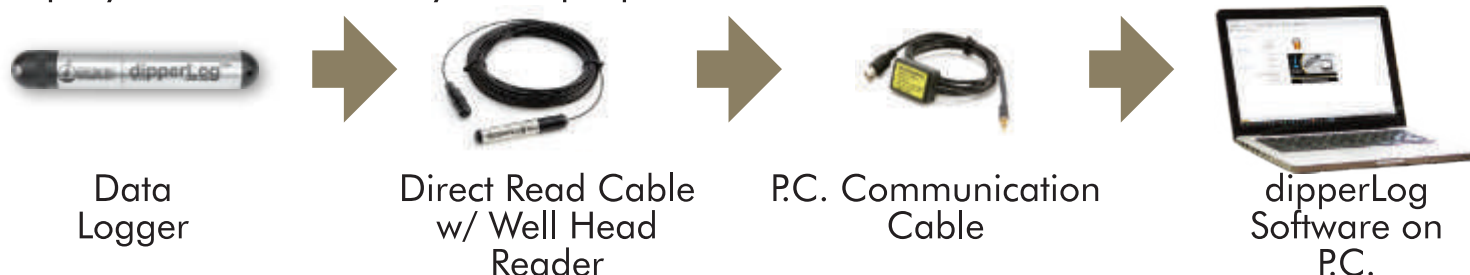
Polyethylene Suspension Cord (5025 & 5026)

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			
Choose Logger:	USD\$	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
dipperLog 64+ <u>MORE DATA, BATTERY LIFE & PRESSURE RANGES:</u> <ul style="list-style-type: none"> • 2 Year Warranty • <u>64,000</u> Pressure & Temperature Data Sets • Expected battery life up to 10 years 	\$515	5464-B	5464-C	5464-D	5464-E
dipperLog 128+ <u>THE MOST DATA, BATTERY LIFE & ALL PRESSURE RANGES:</u> <ul style="list-style-type: none"> • 3 Year Warranty • <u>128,000</u> Pressure & Temperature Data Sets • Expected battery life up to 15 years 	\$538	54128-B	54128-C	54128-D	54128-E
dipperLog TOUGH+ <u>PREMIUM TITANIUM MODEL FOR HARSH ENVIRONMENTS:</u> <ul style="list-style-type: none"> • 3 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 	\$817	54T-B	54T-C	54T-D	54T-E

Accessories for Direct Read Absolute Model:

REQUIRED COMPONENTS	PART #	\$USD
dipperLog 64+/128+/TOUGH+	SEE PAGE 40	
dipperLog Software (Included)	5008	FREE
P.C. Communication Cable	5009	95
barLog (1 per job location every 5km/3mi radius)	5116	349
Absolute Direct Read Cable Kit (Cable, Reader & Mounting Kit)	SEE BELOW	

OTHER OPTIONS AVAILABLE	PART #	\$USD
Hinged Lockable Well Cap 2" (50mm)	5007	62
tapNtell Surface Display	5020	390
SDI-12 Interface Cable (10m/30ft)	5021	265
dipperLog Maintenance Kit - Alconox Powder, O-Rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024	74
Accessory Case	5054	50

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)

Lockable Well Cap (5007)

barLog+ (5116)

Measures Barometric Pressure

(Suspended Above Water in Well, or Near Site)

Absolute Direct Read Cable Kit:

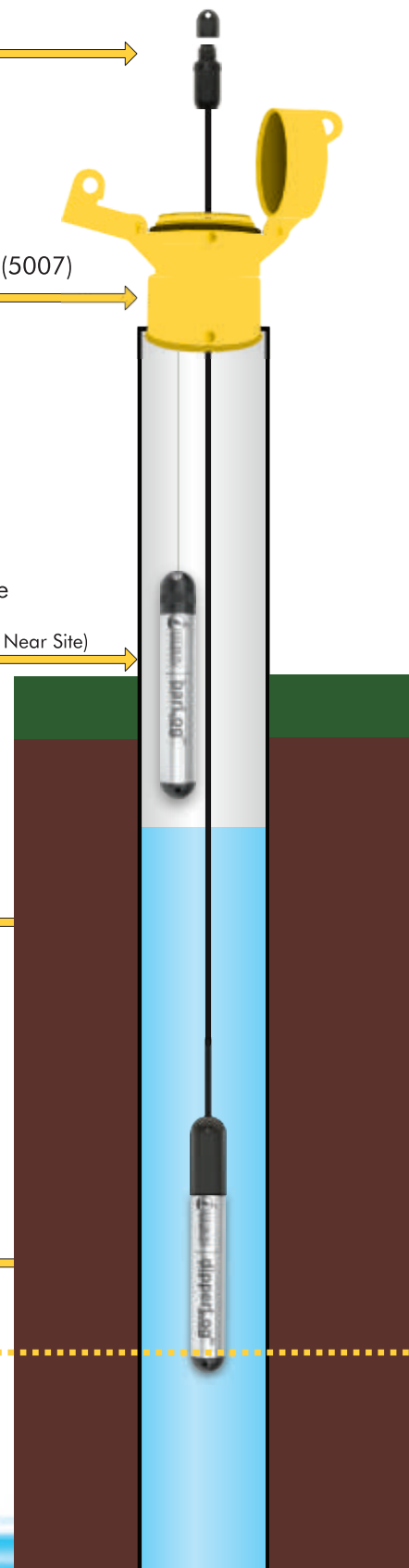
(1) ABSOLUTE DIRECT READ CABLE (2) WELL HEAD READER & (3) MOUNTING KIT	PART #	ADD \$
2M/6F	5110	169
5M/15F	5111	183
10M/30F	5119	197
15M/50F	5112	225
30M/100F	5113	289
45M/150F	5114	355
60M/200F	5115	419
75M/250F	5117	485
100M/300F	5118	550
150M/500F	5120	811
225M/750F	5121	1137
300M/1000F	5122	1463

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

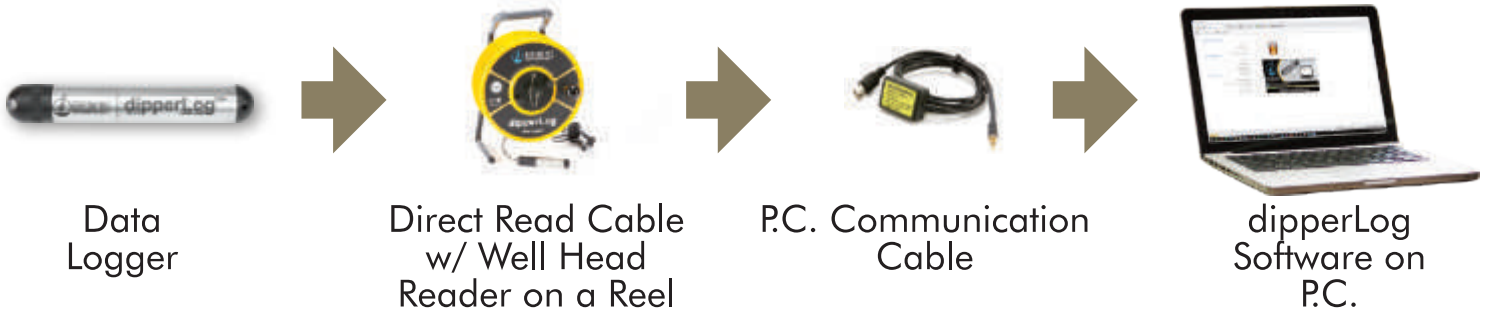
Direct Read Cable

dipperLog+

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			
Choose Logger:	USD\$	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
dipperLog 64+ <u>MORE DATA, BATTERY LIFE & PRESSURE RANGES:</u> <ul style="list-style-type: none"> 2 Year Warranty 64,000 Pressure & Temperature Data Sets Expected battery life up to 10 years 	\$1004 Standard	5464-B-STD	5464-C-STD	5464-D-STD	5464-E-STD
	\$1051 Large	5464-B-LRG	5464-C-LRG	5464-D-LRG	5464-E-LRG
dipperLog 128+ <u>THE MOST DATA, BATTERY LIFE & ALL PRESSURE RANGES:</u> <ul style="list-style-type: none"> 3 Year Warranty 128,000 Pressure & Temperature Data Sets Expected battery life up to 15 years 	\$1130 Standard	54128-B-STD	54128-C-STD	54128-D-STD	54128-E-STD
	\$1200 Large	54128-B-LRG	54128-C-LRG	54128-D-LRG	54128-E-LRG
dipperLog TOUGH+ <u>PREMIUM TITANIUM MODEL FOR HARSH ENVIRONMENTS:</u> <ul style="list-style-type: none"> 3 Year Warranty Titanium body, Teflon™ encapsulated O-Rings, PREMIUM Suitable for use in most caustic & hazardous environments 128,000 Pressure & Temperature Data Sets Expected battery life up to 15 years 	\$1244 Standard	54T-B-STD	54T-C-STD	54T-D-STD	54T-E-STD
	\$1300 Large	54T-B-LRG	54T-C-LRG	54T-D-LRG	54T-E-LRG

Accessories for Reel Absolute Model:

REQUIRED COMPONENTS	PART #	\$USD
dipperLog 64+/128+/TOUGH+ with Reel	SEE PAGE 42	
dipperLog Software (Included)	5008	FREE
P.C. Communication Cable	5009	95
Direct Read Cable	SEE BELOW	

OTHER OPTIONS AVAILABLE	PART #	\$USD
barLog (1 per job location every 5km/3mi radius)	5116	349
dipperLog Maintenance Kit - Alconox Powder, O-Rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024	74

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

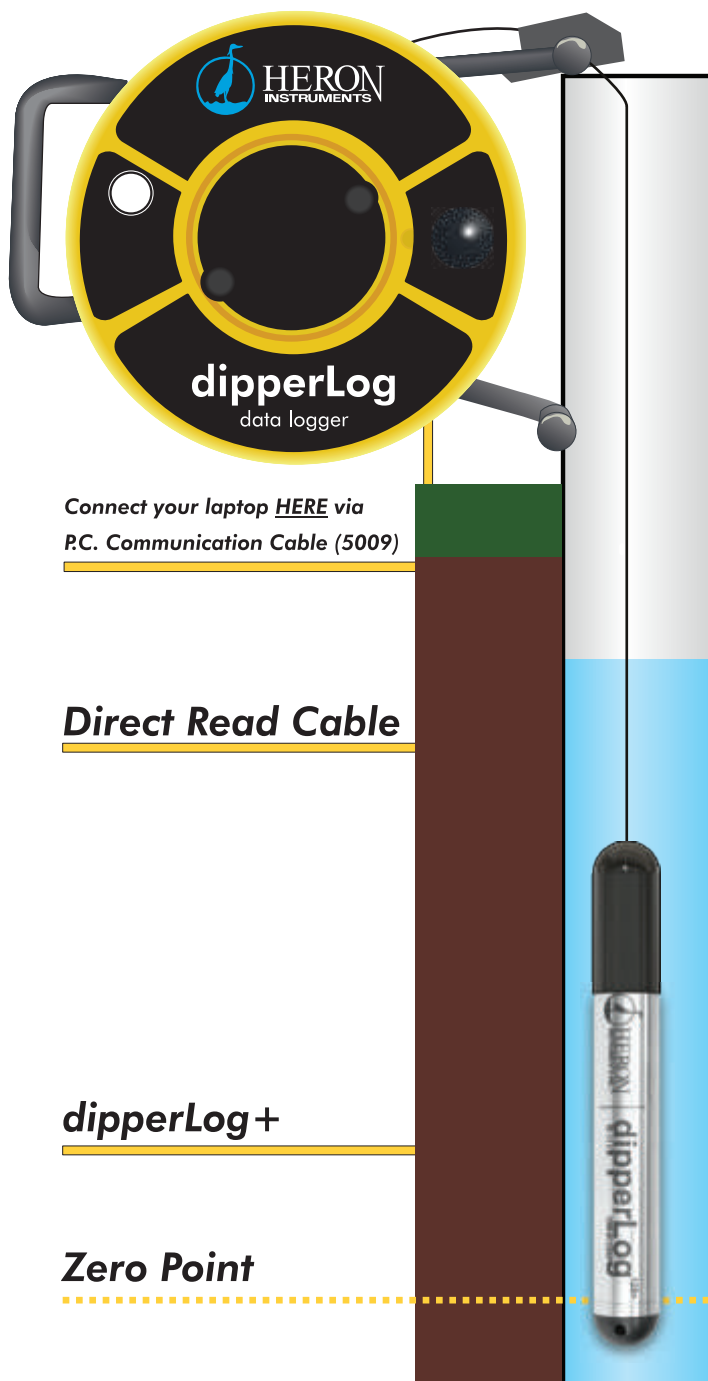
Absolute Direct Read Cable:

ABSOLUTE DIRECT READ CABLE w/WELL HEAD READER	PART #	ADD \$
2M/6F (Standard Frame)	5110NMK	125
5M/15F (Standard Frame)	5111NMK	146
10M/30F (Standard Frame)	5119NMK	166
15M/50F (Standard Frame)	5112NMK	193
30M/100F (Standard Frame)	5113NMK	260
45M/150F (Standard Frame)	5114NMK	327
60M/200F (Standard Frame)	5115NMK	395
75M/250F (Standard Frame)	5117NMK	462
100M/300F (Standard Frame)	5118NMK	529
150M/500F (Standard Frame)	5120NMK	798
225M/750F (Standard Frame)	5121NMK	1134
300M/1000F (Large Frame)	5122NMK	1470

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



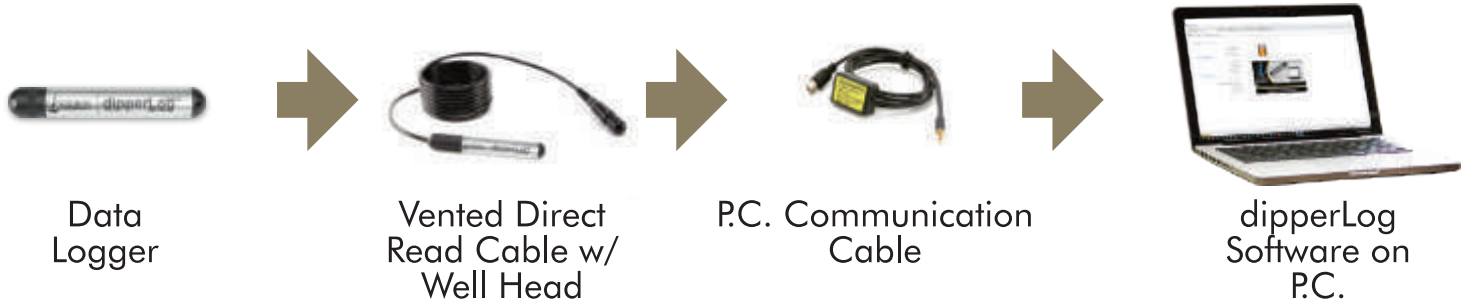
Connect your laptop [HERE](#) via P.C. Communication Cable (5009)

Direct Read Cable

dipperLog+

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:

dipperLog VENTED+ <u>USDS 652</u> <ul style="list-style-type: none"> Includes Well Head Reader and Well Mounting Kit 3 Year Warranty 128,000 Pressure & Temperature 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:

See below for associated accessories

REQUIRED COMPONENTS	PART #	\$USD
dipperLog VENTED+ w/ Vented Well Head Reader & Mounting Kit	SEE ABOVE	652
dipperLog Software (Included)	5008	FREE
P.C. Communication Cable	5009	95
VENTED Direct Read Cable (By M/FT)	5032M 5032F	7/M 2.15/FT

OTHER OPTIONS AVAILABLE	PART #	\$USD
Hinged Lockable Well Cap 2" (50mm)	5007 Hinged	62
tapNtelli Surface Display	5020	390
SDI-12 Interface Cable (10m/30ft)	5021	265
Mounting Kit	5023	20
dipperLog Maintenance Kit - Alconox Powder, O-Rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024	74
Accessory Case	5054	50



***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 a 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 widely 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 USD\$ 539		<ul style="list-style-type: none"> • 3 Year Warranty • Includes Vent Filter • Easily integrate into an existing SCADA system OR with a third party data logger (Can be equipped with a digital display) • 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 		
Pressure Range	(B) 10m/30ft	(C) 30m/100ft	(D) 60m/200ft	(E) 120m/400ft
Part #	54PT-B	54PT-C	54PT-D	54PT-E

See below for associated accessories

Accessories for 4-20mA Pressure Transmitter:

REQUIRED COMPONENTS	PART #	\$USD
4-20mA Pressure Transmitter w/ Vent Filter	SEE ABOVE	539
VENTED Direct Read Cable (By M/FT)	5032M 5032F	7/M 2.15/FT

OTHER OPTIONS AVAILABLE	PART #	\$USD
dipperLog Maintenance Kit - Alconox Powder, O-Rings, O-Ring Applicator Guide & Pick, Cleaning Cloth, Rubber Gloves	5024	74
Digital Display for 4-20mA (Includes Vent Filter)	5031	689
Vent Filter	5034	26
Accessory Case	5054	50

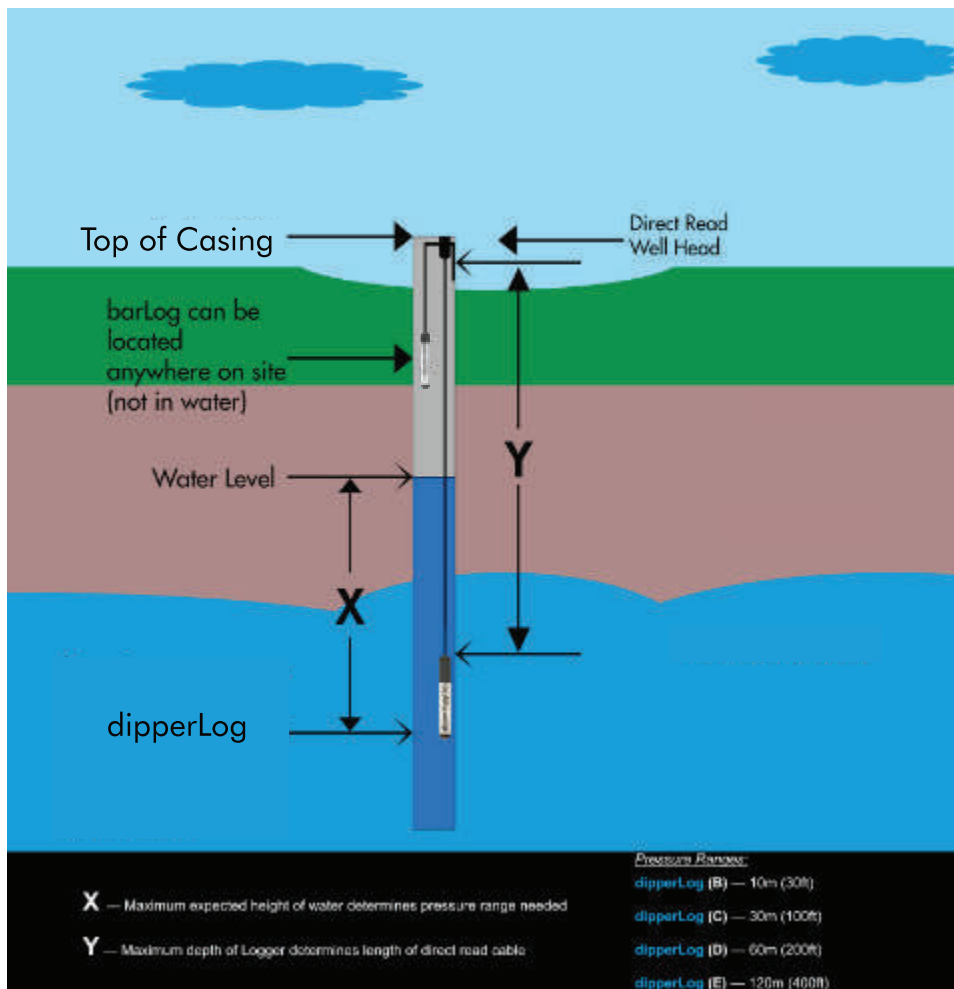


***CHOOSE YOUR PRESSURE TRANSMITTER THEN ADD YOUR ACCESSORIES AND CUSTOM CABLE LENGTH SOLD BY METER OR FOOT**

1. Using a water level meter, determine the static water level
2. Determine 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.
Note: Do not deploy dipperLog at the very bottom of the well to avoid fouling
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 data logger in pressure range of choice
8. Begin logger mission using dipperLog 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 dipperLog Software)



Terms & Conditions

Prices:

IN EFFECT JANUARY 1st 2022

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 Merchandise:

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. Cleaning fees may apply or the items could be returned untouched
- 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.

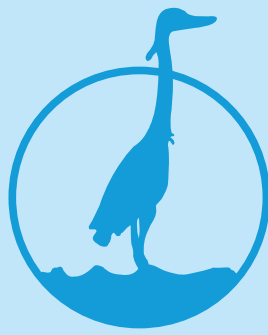
Warranties:

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

Hours of Operation:

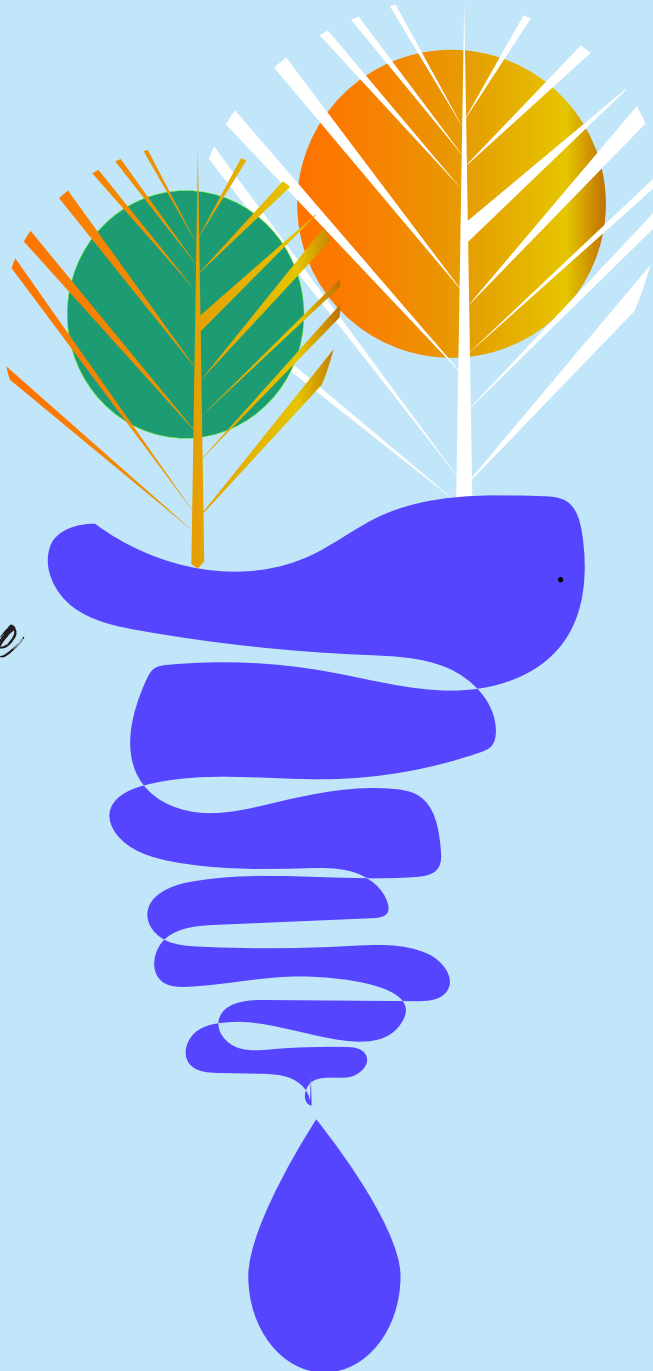
- Monday to Friday 8:00am - 5:00pm EST



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Canada

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info@heroninstruments.com

www.heroninstruments.com