



**HERON**  
INSTRUMENTS INC.  
*For Good Measure*

## H.OIL (Series 1600)



### Static & Interface Specifications

Reel Assembly:	Standard	Large	Tape:	
Height	36cm (14")	43cm (17")	Tape	High Tensile Stainless Steel
Depth	21cm (8.25")	23cm (9")	Jacketing	Kynar
Width	29cm (11")	34cm (13.5")	Conductors	7 Strand (4 SS316 & 3 Copper)
Weight (Reel Assembly Only)	2.60kg (5.7lb)	4.2kg (9.3lbs)	Markings	Metric or Engineering Scale - Under Jacketing
Plate Size	27cm (10.5")	34cm (13.5")	Width	9.5mm (3/8")
Plate Material	Nylon Fibre Composite	Aluminum	Dog Bone Profile	Dogbone for low friction
Brake	Ergonomic Dial	Ergonomic Dial	Break Strength	125kg (280lbs)
Stainless Ball Bearing	YES	YES	Accuracy	1/100th of a foot per 100 feet (3mm/30 meters) Per Federal Specification GGG-T-106E
Hanger	Included on frame	Included on frame		
Tape Guide	Included on frame	Included on frame	Resolution	Metric: marked in meters, divided into cm and mm Imperial: marked in feet, divided into 10ths and 100ths of a ft.
Field Testing	Included Test Bottle	Included Test Bottle		
Tape Lengths	30m, 100ft	200m, 750ft		
	60m, 200ft	300m, 1000ft		
	100m, 300ft			
	150m, 500ft			
<b>Electronic Panel:</b>			<b>Link &amp; Probe:</b>	Snag Free Design
Operating Mode	Static and Product Interface		Probe Weight	120g
Detects	LNAPL, DNAPL, Water		Length	140mm (5.5")
Operating Temperature	-45 to +55 °C/ -50 to + 130°F		Diameter	16mm
Visual Indicator	Bright Red LED		Removable/replaceable	Yes, tool free removal
Audible Indicator	Volume Adjustable Buzzer		Depth Rating	1.5km (5000ft) (150Bar) (2150psi)
Audible Volume	0-100dbi		Break strain	70kg (150lbs)
Power Source	9v		Wetted Materials	Stainless Steel 316, 30% Glass filled Delrin Composite, Polyurethane, Grilamid.
Battery Life	400 hours of on time (infinite standby)		Operating Temperature	-45 to +135 °C/ -50 to + 270°F
Automatic shut-off	5 minutes		Minimum Detection Layer	0.75mm (0.03")
Durability	IP68		Sensor Accuracy	+/-1mm (+/-0.04")
Removable/replaceable	Yes		Detection time	Instantaneous
<b>Certification:</b>	<b>H.OIL is certified to ATEX, IECEx, CSA, and UL standards</b>			
North American	c-QPS-us LR3030 Class I, Division 1, Groups CD, T3 Ex ia IIB T3 Ga Class I, Zone 0, AEx ia IIB T3 Ga		IECEx	IECEx QPS 23.0008X Ex ia IIB T3 Ga
ATEX	QPS23ATEX5003X CE 2900 (Ex) II 1 G		CE	Yes
<b>Included:</b>				
Padded Carry Case	Included		Groud Lead	Included
Cleaning Brushes/Wipes	Included			
<b>Warranty:</b>	5 Years/ Probe 1 year			