



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			
Electronic Panel:			Link & Probe:	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
Certification:	H.OIL is certified to ATEX, IECEx, CSA, UKEx and UL standards			
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 G	IECEx	IECEx QPS 23.0008X Ex ia IIB T3 Ga	
		UKEx	3CT 23UKEK1002X UKCA2900 EXII 1G	
ATEX	QPS23ATEX5003X CE 2900 (Ex) II 1 G	CE	Yes	
Included:				
Padded Carry Case	Included		Groud Lead	Included
Cleaning Brushes/Wipes	Included			
Warranty:	2 Years/ Probe 1 year			

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