



HydroPACT 440 MK2

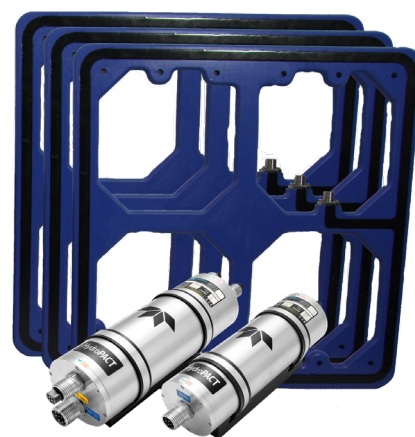
Subsea Pipe & Cable Depth of Burial & Tracking Survey System

The new HydroPACT 440 MK2 system retains the key performance characteristics and operational software of the original HydroPACT 440, through the introduction of new updated and upgraded key components, giving a future proof product for years to come.

The 440 MK2 utilises our unique saltwater algorithm to provide accurate and reliable target position and range or depth of burial survey quality data of maritime conductive assets, such as pipelines, HVAC cables and UXO's. The system is operated via our easy to use 'DeepView' software, which now operates on the latest Windows version, and available pre-loaded on a choice of computers.

The all new 6000m rated subsea titanium electronic housings comprise of a 24Vdc subsea processor pod, an optional 110Vac / 230Vac PSU pod, and altimeter.

The HydroPACT 440 MK2 utilises the same coils and coil cables as the original 440, which ensures an easy upgrade path for existing systems and retains its original flexibility for easy installation on a wide variety of subsea vehicles.



The 440 MK2 operates in real time with a maximum target detection range of over 4m (13ft)* directly beneath the coils, and can be operated through our unique video overlay screen whilst logging the recorded data for post processing via third party specialist software packages.

DualTrack System

The HydroPACT Dualtrack system comprises of the HydroPACT 440 MK2 and the HydroPACT 350 tonal cable tracking system, working seamlessly together, giving you continuous deep-water pipeline and cable tracking capability down to depths of either 3000m or 6000m.

*Note: estimated maximum target detection range of ferrous or non-ferrous conductive metals, size, length and shape dependent.

Product features and benefits

- Retains key performance and operational characteristics of the original 440 system
- 440 upgrade to 440 MK2 system available
- Records survey grade pipe & cable position and depth of burial data
- Capable of detecting all buried subsea ferrous & non-ferrous metal targets within range of the coils
- Simple to install, use and operate
- No time-consuming vehicle calibrations required
- Windows™ based display and control software
- Provides reliable and high integrity data
- Less time spent during pre-operation
- Familiar easily accessible software platform
- Intuitive interface requires less training



Courtesy of Heli Resources Solutions.

HydroPACT 440 MK2

Subsea pipe & cable tracking



TECHNICAL SPECIFICATIONS

System performance (in a low noise environment):	Estimated detection range	1.0cm (0.4") unarmoured cable depth and tracking at 0.6m	
		2.5cm (1") armoured cable depth and tracking at 1.2m	
		15cm (6") armoured cable depth and tracking at 1.8m	
		10cm (4") pipeline depth and tracking at 2.2m	
		10cm (4") umbilical depth and tracking at 2.2m	
		25cm (10") pipeline depth and tracking at 3.0m	
Topside components:	Surface display computer	Hardware	19" ruggedised touch screen panel PC
			Rear mounted comms for all external interfaces
		Display resolution	1280 x 1024
		Dimension	599mm x 480mm x 345mm (including transit cases)
		Weight	27kg
		Input voltage	90 to 250VAC 50/60Hz
		Max power	100W
Topside environmental:	Temperature	-10°C to 50°C (operating), -20°C to 60°C (storage)	
	Shock	Design to meet MIL-STD-810F	
	Vibration	Design to meet MIL-STD-810F	
Subsea components:	Subsea electronics pod	Dimensions	132mm (ø) x 372mm (l)
		Input voltage	24VDC
		Max power	100W
		Weight	13.2kg in air, 8.1kg in water
		Communication	RS-232, RS-485
	Power supply pod (optional)	Dimensions	112.5mm (ø) x 340mm (l)
		Input voltage	110VAC/ 230VAC
		Max power	150W
		Weight	13.2kg in air, 8.1kg in water
	Altimeter	Dimension	50mm (ø) x 185mm (l)
		Weight	2kg
		Input voltage	9 to 28VDC
		Max power	1.5W
		Frequency	200KHz
		Range	10cm to 100m
	Coils	Dimensions	Individual: 1000mm (l) x 940mm (w) x 30mm (d)
			Coil Array : 1000mm (l) x 1880mm (w) x 60mm (d)
		Weight	Individual Coil : 15kg in Air, 4.8kg in Water
			Coil Array : 45kg in Water, 14.4kg in Water
Subsea environmental:	Temperature	0°C to 30°C (operating), -20°C to 60°C (storage)	
Compliance:	The HydroPACT 440 is not listed on the annexed referred to in article 3 of the retained council regulation (EC) No 428/2009 for exports from Great Britain (last amended by SI 2023/695)		
Warranty:	12 months international warranty including part and labour		
Options:	RMC11		
	Extended warranty		