

440

PIPE & CABLE SURVEY SYSTEM

Industry standard subsea pipe and cable detection.

The TSS 440 utilises pulse induction technology and advanced digital signal processing to accurately determine ranges to buried pipelines or cables. The system is capable of detecting any conductive material and advances in signal processing techniques enable the TSS 440 to detect at greater ranges than any other pulse induction based survey tool.

A full integrated system, the TSS 440 combines location, steerage and accurate depth of burial survey data to suit a wide range of applications.

- Standard TSS ease of installation
- Improved ease of use with DeepView for Windows™ operating software
- EMC and CE rated

Features

- Pulse induction technology allows accurate survey information regardless of vehicle heading
- Windows™ based display and control software
- DSP techniques give quality control information
- Long range detection of buried subsea targets
- Fully integrated system with altimeter, spares and documentation

Benefits

- No time consuming vehicle calibrations required
- Easy to operate
- Simple to install and service



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TECHNICAL SPECIFICATIONS

Subsea Electronics Pod (SEP)	Material	3000m hard anodised aluminium as standard
	Dimensions	140mm x 470mm (without connectors)
	Weight	In air : 10Kg In water: 2Kg
	Communication	20mA 2 or 4 wire digital current loop or RS232 via one or two twisted pair
Power Supply Pod (PSU)	Material	3000m hard anodised aluminium as standard (6000m stainless steel optional)
	Dimensions	140mm x 470mm (without connectors)
	Weight	In air: 10Kg In water: 2Kg
	Voltage input	98-135 V AC, 150 Watt continuous (240V AC optional)
	ROV connection	Via 8 way impulse connector with 3m tail
Surface Display Console (SDC)	SDC hardware	102 key keyboard, pointing device, 15" TFT, XGA monitor, standard 19" rack mounting Overall size (mm): 555(w) x 455(h) x 578(d) inc. transit case
	Weight	34.8Kg
	Description	Celeron 4 running Windows™ 2000
	Disk size	Hard disk: 20Gb Floppy disk: 1.44Mb 3.5" DS-HD CD: 52 x Read
	Ports	6 serial, 1 USB (front)
	Interface	20mA current loop, data logger, altimeter, printer, video overlay PAL/NTSC format
	Voltage input	85-265V AC
	Input frequency	48-62 Hz
	Power consumption	250 watts (max)
	Shock resistance	Operating: better than 5g for <10ms Non-operating: better than 40g for <10ms
Search Coils (3 coil system supplied with a non-conductive mounting frame)	Size	940mm x 995mm x 31mm
	Weight (each, 3 required)	In air: 14Kg In water: 2.5Kg
Depth rating	All subsea components are depth rated to 3000m (optional 6000m)	
Warranty	12 months international warranty including parts and labour	

Due to continuous development, specifications may vary from those listed above.

WORLD LEADERS IN MARINE NAVIGATION



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