

## TSS 440 Pipe and Cable Tracker

- Up to 50% greater range than existing 340 system
- Standard TSS ease of installation
- Improved ease of use with DeepView for Windows™ operating software
- Backed by global network of VT TSS representatives



Based on the industry standard TSS 340, 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 fully integrated system, the TSS 440 combines location, steering and accurate depth of burial survey data to suit a wide variety of applications.

### Features

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



## Specification

### Subsea Electronics Pod (SEP)

<b>Dimensions</b>	140mmØ x 450mm
<b>Weight</b>	In air: 10kg In water: 2kg
<b>Communication</b>	20mA 2 or 4 wire digital current loop or RS232 via one or two twisted pair or multiplexer

### Power Supply Pod (PSU)

<b>Dimensions</b>	140mmØ x 450mm
<b>Weight</b>	In air: 10kg In water: 2kg
<b>Voltage Input</b>	110V a.c. (240V optional)
<b>ROV Connection</b>	Via 8 way waterproof connector

### Surface Display Console (SDC)

<b>SDC Hardware</b>	102 key keyboard, pointing device, 15" TFT monitor, standard 19" rack mounting
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#### Description

<b>Disc Size</b>	Pentium 4 running Windows 2000 Hard disc: 20Gb Floppy disc: 1.44Mb CD: 16 x read
<b>Ports</b>	4 serial, 2 parallel, 1 ethernet
<b>Interface</b>	20mA current loop, data logger, altimeter, printer, video overlay PAL format
<b>Voltage Input</b>	110V-220V a.c., 400 Watt
<b>Input Frequency</b>	
<b>Shock Resistance</b>	Operating: better than 5g for <10ms Non-operating: better than 40g for <10ms

### Search Coils (3 coils system supplied with a non-conductive mounting frame)

<b>Size</b>	1000mm x 1000mm x 30mm
<b>Weight</b>	In Air: 10kg In Water 2.5kg

**Depth Rating:** All subsea components are depth rated to 3000m

