

440 OOST

OUT OF STRAIGHTNESS TOOL

Improved accuracy of survey data.

The TSS 440 Out of Straightness Tool (OOST) is based on the industry standard TSS 440 Pipe & Cable Survey System. Using an improved coil design, new software algorithm and target characterisation service, the system will provide target position and burial status much more accurately than the TSS 440 with comparable range.

The TSS 440 OOST is a retrofit to provide improved accuracy from the TSS 440 with a quick and simple upgrade. The system keeps the basic functionality of the TSS 440 with the addition of improved accuracy of survey data.

- Improved accuracy
- Quick and simple upgrade
- EMC and CE rated

Features

- Pulse induction technology allows accurate survey information regardless of vehicle heading
- Windows™ based display and control software
- New target characterisation service
- Comparable range to the 440 system
- Fully integrated system with altimeter, spares and documentation

Benefits

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



440 00ST

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TECHNICAL SPECIFICATIONS

Subsea Electronics Pod (SEP)	Material	3000m hard anodised aluminium as standard
	Dimensions	140mm x 366mm (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
	Dimensions	140mm x 470mm (without connectors)
	Weight	In air: 10Kg In water: 2Kg
	Voltage input	98-135 V AC, 150 Watt continue (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 555 x 280 x 555mm (including transit case)
	Weight	37.3Kg
	Description	2U 19" rack mountable PC - 800 Mhz low power Pentium 3 128Mb RAM (expandable to 1Gb) running Windows™ 2000
	Disk size	Hard disk: 40Gb Floppy disk: 1.44Mb 3.5" DS-HD CD: 52 x Read
	Ports	2 front mounted USB ports. 52x CD-RW drive. 4 x external RS-232 serial ports
	Interface	20mA Current Loop Convertor card, data logger, altimeter, printer and video overlay PAL/NTSC formats
	Voltage input	85-265v (47 to 63 Hz) autoranging
	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	Size (2 required)
Weight (total - 2 coils)		In air: 21Kg In water: 4 Kg
Depth rating	All subsea components are depth rated to 3000m	
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



TELEDYNE TSS

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