OceanTools
VMS
Verticality measurement systems

The **VMS** is the latest generation of **OceanTools** field proven subsea verticality survey packages. They are integrated solutions combining several **OceanTools** products into an innovatively designed deployment frame.

Overview

With vertical scrolling subsea displays, integral subsea battery packs and delta mounting brackets for easy deployment and recovery, **VMS** systems are ROV recoverable and portable, extremely robust and can be supported by highly trained and experienced OceanTools engineers.

The **VMS** provides pitch and roll or angle and quadrant information via a **DISTIL-V** inclinometer with integral subsea display.

The **VMS** contains an *integral* battery pack which obviates the need for an umbilical to the surface.

The system is innovatively packaged to make it as low a profile as possible and ideal for passing through the Texas Deck.

Applications include verticality survey when spudding new wells, wind farm installation, jacket installation or piling operations.

ISO 9001 CERTIFIED
British Assessment Bureau

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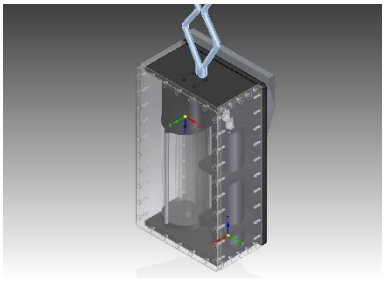
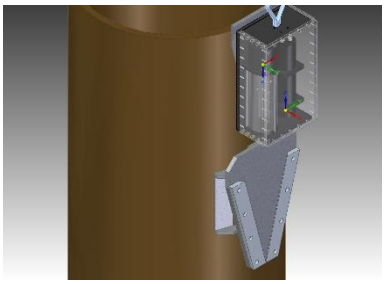
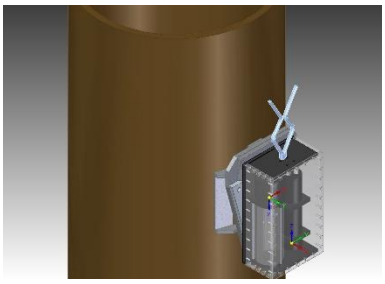
OceanTools VMS Verticality measurement systems

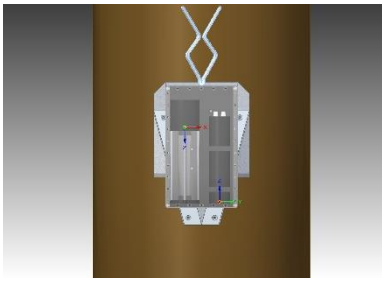
Key Features

- Pitch and roll or angle and quadrant
- Field proven harsh environment technology
- Low profile design
- ROV deployable and recoverable









Specifications	
Pitch range	±180°
Roll range	±180°
Pitch & roll accuracy 0°±10	0.05°
Pitch & roll resolution	0.01°
Battery capacity	12.6Ah
Operational current *	150mA @ 24VDC
Depth rating	3000m
Frame width **	360mm
Frame height **	570mm
Frame depth **	190mm
Weight in air **	25kg

** = typical value at full brightness | ** = excluding fish tail and delta bracket*

Related Products

The **AMS** range of attitude measurement systems use similar inclinometer and display technology to the **VMS** in a choice of horizontally oriented frame designs.

Gyro Survey Packages offer an advanced attitude or verticality measurement solution, providing survey grade heading, pitch, roll, azimuth and angle from a Fibre Optic Gyrocompass.

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

All specifications are subject to change without notice. E&OE.

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