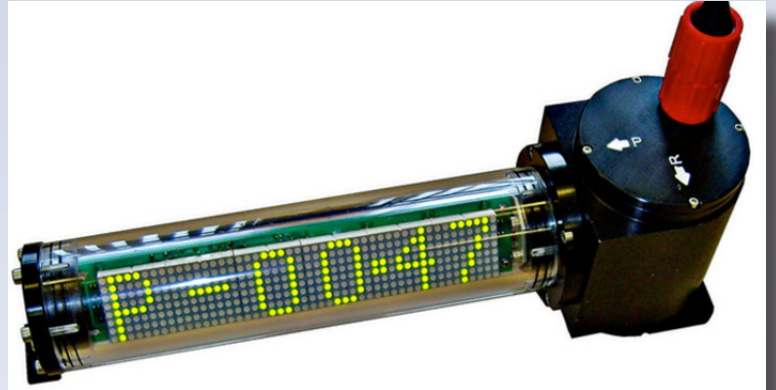


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OceanTILT

Precision Dual Axis Subsea Inclinator / Attitude Reference Unit



1000m DISTIL

The OceanTools OceanTILT is a very cost-effective, compact, precision dual axis subsea inclinometer / attitude reference unit that measures both pitch & roll to an accuracy of 0.1°.

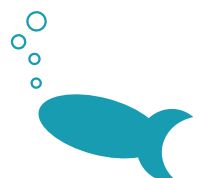
The OceanTILT may be supplied as a stand-alone tilt sensor or may be supplied with an integral subsea display unit. In this configuration it is referred to as a DISTIL. Optionally, either unit may be supplied with a subsea battery pack.

The unit is available in 1000m and 3000m depth ratings as standard but may be offered down to full ocean depth rating. RS232 and RS485 outputs are available as standard and are jumper-selectable within the unit.

The unit is supplied with software that allows the pitch & roll information to be viewed in several modes including a digital "bullseye" mode.

KEY FEATURES

- Standard depth ratings
1000m & 3000m
- Options to full ocean depth
- 180° operating range
- Integral diagnostics
- RS232 & RS485 outputs
- Simple ASCII data output
- Simple to use Windows software

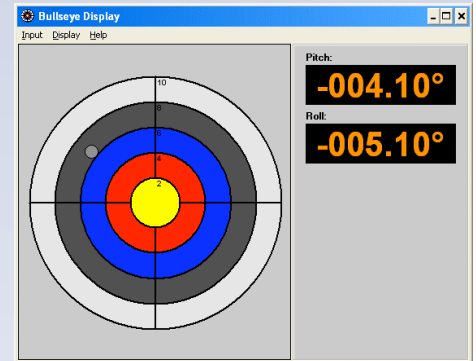


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SPECIFICATIONS

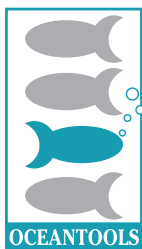
Pitch range	±180°
Roll range	±180°
Pitch & roll accuracy	0.1°
Pitch & roll resolution	0.01°
Repeatability	±0.1°
Output rate	1.67Hz
Calibration points	128
Time constant	0.4 sec
Frequency response	0.4Hz typical
Height (excluding connector), 1000m version	130mm
Diameter, 1000m version	92mm
Height (excluding connector), 3000m version	140mm
Diameter, 3000m version	100mm
Weight in air (1000m version)	1.1kg
Weight in water (1000m version)	0.5kg
Underwater connector	5 pin micro Subconn (or customer specified)
Shock	Not to exceed 5G
Temperature, storage	-30°C to 55°C
Temperature, operational	-55°C to 65°C
Data outputs	RS232, RS485
Power requirements	6 - 26VDC, 14mA @ 24VDC



Digital bullseye software



Optional subsea battery pack



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