



OceanTools

DISTIL, DISTIL-V and DISTIL-M

Subsea displays with integral tilt sensors

The OceanTools **DISTIL** and **DISTIL-V** units are a combination of the **OceanDISP** display and **OceanTILT** inclinometer.

The **DISTIL-M** is a smaller version of the **DISTIL** for applications where space is at a premium.



DISTIL

Overview

The **DISTIL** and **DISTIL-M** are primarily intended for attitude measurement and output *pitch* and *roll*. The *pitch* and *roll* data is scrolled horizontally on the high visibility LED matrix display.

The **DISTIL-V** is primarily intended for verticality measurement and outputs *angle* and *quadrant*. The *angle* and *quadrant* data is scrolled vertically.

Applications include:

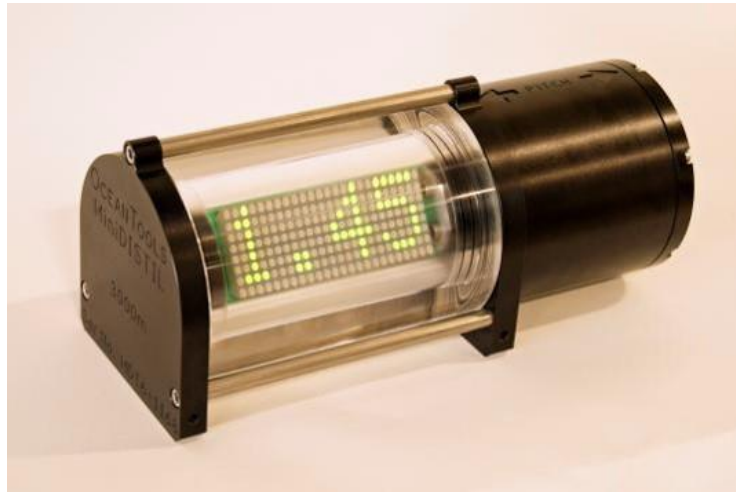
- Subsea structure attitude measurement
- Verticality of casing, conductors and caissons



OceanTools

DISTIL, DISTIL-V and DISTIL-M

Subsea displays with integral tilt sensors

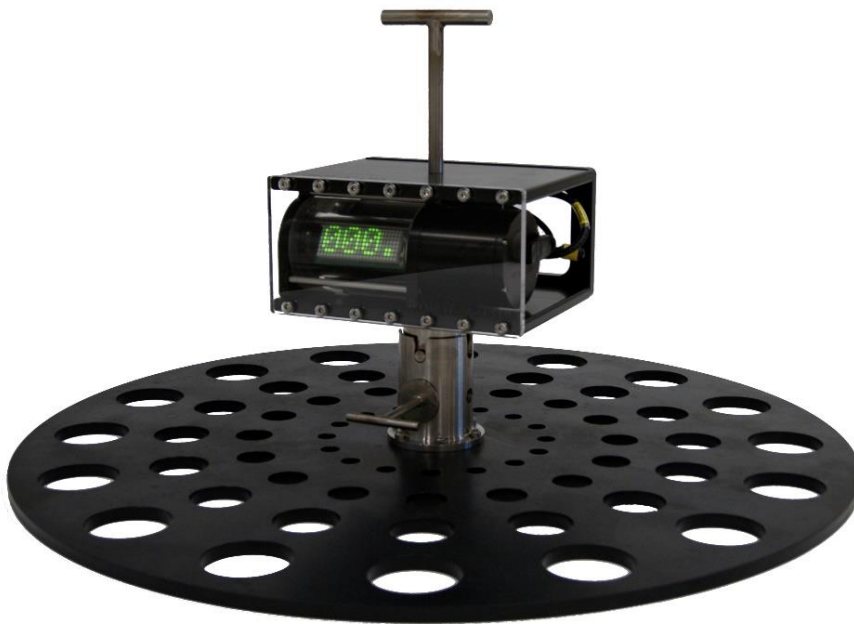


DISTIL-M

Related Products

DISTIL and **DISTIL-M** may be supplied with **OceanCELL** battery packs, **C-Switch** subsea switches and/or **MetroSTAB** metrology stabs all housed in a rugged deployment frame with an ROV handle for ease of recovery.

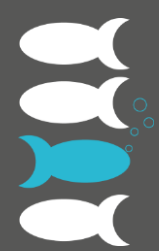
DISTIL-V is an integral part of the **VMS** verticality measurement package.



DISTIL-M, shown here as part of a bespoke AMS subsea inclinometer package



DISTIL-V, shown here as part of a VMS verticality measurement package



OceanTools

DISTIL, DISTIL-V and DISTIL-M

Subsea displays with integral tilt sensors

Specifications

	DISTIL	DISTIL-V	DISTIL-M
Standard output	Pitch and Roll	Angle and Quadrant	Pitch and Roll
Orientation	Horizontal	Vertical	Horizontal
LED colour	Red or Green	Red or Green	Red or Green
Depth rating	1000m or 3000m	1000m or 3000m	1000m or 3000m
Angular measurement range	±180°	±90°	±180°
Angular measurement accuracy 0°±10	0.05°	0.05°	0.05°
Angular measurement resolution	0.01°	0.01°	0.01°
Standard connector	Subconn LPBH5M	Subconn LPBH5M	Subconn LPBH5M
Input voltage	10–36VDC	10–36VDC	10–36VDC
Operational current *	150mA @ 24VDC	150mA @ 24VDC	75mA @ 24VDC
Length (excl connector) **	435mm	140mm	315mm
Height (excl connector) **	140mm	435mm	140mm
Diameter **	125mm	125mm	125mm
Weight in air **	7.65kg	7.65kg	5.8kg
Weight in water **	2.26kg	2.26kg	2.05kg

* = typical value at full brightness | ** = 3000m rated version

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.

Version 12 (10.08.2018)



OceanTools Ltd
OceanTools House Claymore Drive Aberdeen AB23 8GD
t: +44 1224 709 606 e: sales@oceantools.co.uk
www.oceantools.co.uk