

SUBSEA DIGITAL INCLINOMETER



The subsea digital inclinometer is a pitch and roll sensor for use in subsea or surface applications. It provides an accuracy of 0.05 degrees in both axes over the full 360° range.

The inclinometer can be used as an ROV connected tool with data displayed live on a surface laptop or when used in conjunction with the subsea display and battery pack it can operate as a stand-alone tool.

Technical Data / Specifications

Inclinometer Electrical Requirements:

Input Voltage: 5 – 30 V DC
Current Consumption: <20 mA @ 12 V DC
Data Output: Rs232 & Current Loop
Baud Rate: 9,600 bps
Output Rate: 8 Hz

Data Bits: 8
Stop Bits: 1
Parity: None

Inclinometer Specification:

Range: 360°
Resolution: 0.01°
Accuracy: 0.05° rms
Repeatability: 0.09
Depth Rating: 3,000 m or 6,000 m

Inclinometer Weight:

In Air: 1.15 kg
In Saltwater: 0.55 kg

Dimensions:

Length: 240 mm
Width: 180 mm
Height: 170 mm

