COMPACT HOISTMANS DISPLAY PANEL
DEPTH/SPEED/TENSION/DATA RECORDER
SAFE AREA OR ZONE2
WATERPROOF

PRODUCT DESCRIPTION

The BenchMark Wireline Compact Hoistman's Display Panel is designed to be an independent depth, tension and line speed measurement indicator. The display panel is designed to be mounted inside or outside of a wireline unit and connect to a measuring head. It will work with all the BenchMark AM3K and Slickline measuring heads. The panel can be used as a secondary (backup) display for these devices.

Depth input comes from either an optical encoder or a BenchMark backup sensor.

Tension input comes from either an electronic load pin or a pressure transducer connected to a hydraulic gauge.

The panel provides encoder and tension outputs. It also provides an output to connect to an 0-1ma electrical tension meter.

The unit is powered by three internal rechargeable batteries. It can be connected to an external AC or DC power source to keep the batteries charged.

The panel has a built-in data recorder that stores depth and line speed data in ascii text format. The panel also has a built-in internal clock that runs continuously whether powered up or not. This clock is used to provide a time and date stamp for every data record.

A USB port is provided as a means to upgrade the internal software and to retrieve data stored internally.

PRODUCT FEATURES

- Two line digital display for depth, tension, line speed and differential tension
- Internal relay provided for winch shutdown when a predetermined value is reached.
- Operates without external power using internal battery
- Battery can be charged from 240/120 VAC (safe area only) or 12/24 VDC power
- Built in data recorder stores depth, speed, time, date on a CF card
- Depth is stored in non-volatile memory
- Menu Front panel controls to:
    Adjust the depth value
    Switch the power off manually
    Activate the menu
- A software menu is provided to change panel setting such as:
    Measuring Head type
    Line Size
    Encoder resolution
    Depth adjust (auto add/subtract)
    Tension calibration
    English/Metric units
- ZERO switch allows you to zero the depth value
- Inputs for encoder and load pin
- Outputs for depth and tension and analog differential tension guage
- Waterproof housing
- ATEX and UL C1D2 Approved
- CE Marked

BenchMark
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GENERAL SPECIFICATIONS

Height:	2.82"	.071 m
Width:	6.61"	.167 m
Depth:	4.17"	.105 m
Weight:	3 lbs	1.360 kg