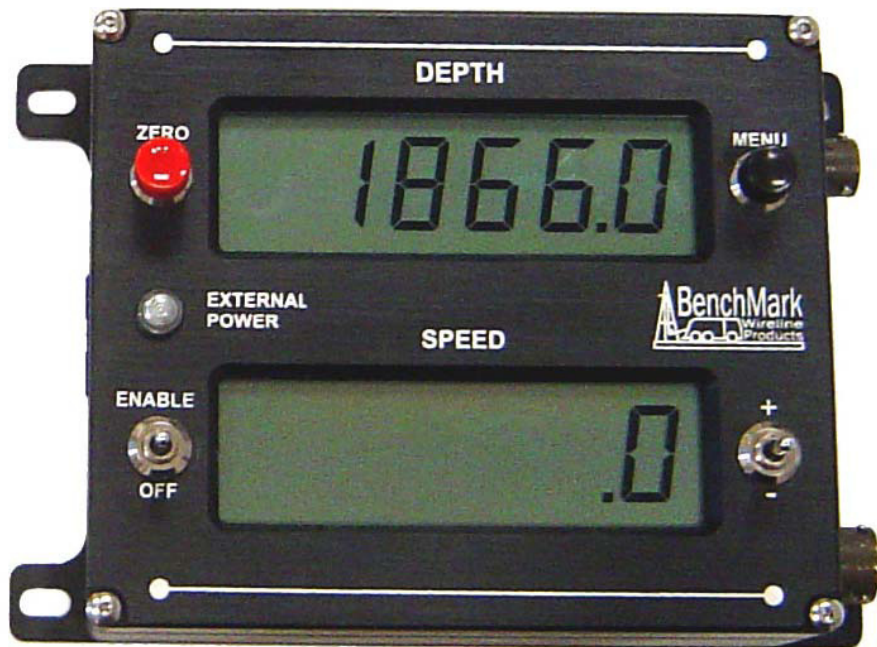


# BACKUP PANEL - DEPTH/SPEED/DATA RECORDER



## PRODUCT DESCRIPTION

The BenchMark Wireline **Backup Depth and Speed Display System** is designed to be an independent depth and line speed measurement indicator. The display panel is designed to be mounted inside the wireline unit.

The system consists of three items, the display panel, the magnetic pickup, and the interconnecting cable. A magnetic pickup can be installed on any of the BenchMark measuring heads.

A magnetic pickup can be mounted to the speedometer drive output from any measuring head.

An optional right angle drive with two outputs can also be provided to allow a Veedor Root counter to function simultaneously.

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 unit is designed to operate without intervention from the user. When external power fails, the depth display is maintained by the batteries. When the magnetic pickup is inactive for the time set by the shutdown timer the depth is stored and the unit switches it self off.

The enable switch must be pressed in conjunction with the zero or depth adjust switch to prevent accidental loss or corruption of the depth display value.

The panel has a built in data recorder that stores depth and line speed data in 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.

## PRODUCT FEATURES

- Operates without power using internal battery
- Battery can be charged from 240/120 VAC or 12/24 VDC power
- Front panel LED is lit when the unit is connected to an external power source even if the LED is not lit, then the unit is operating off of battery power
- Built in data recorder stores depth, speed, time, date on a CF card
- Depth is stored in non-volatile memory
- Front panel controls to:
  - Zero the depth reading
  - Adjust the depth value
  - Select a different settings using the menu button
- Switch the power off manually (for use when running on battery power)
- A menu is used to change panel settings:
  - Measuring Head type
  - Line Size
  - Wheel Size
  - Wheel Groove Size
  - English/Metric units,
  - Depth adjust (auto add/subtract),
- ZERO switch allows you to zero the depth value
- INCREASE/DECREASE switch allows you to set the depth to a predetermined value

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## GENERAL SPECIFICATIONS

Height:	4.6"	.116 m
Width:	6.6"	.167 m
Depth:	1.9"	.048 m
Weight:	2 lbs	.907kg

