PPS36 DepthWatcher

The **PPS36 DepthWatcher** is a portable depth recorder that runs on batteries or external power and has an LCD display that an operator can use to see the actual depth, speed, and tension during a slickline job. The recorder can be set up using a very simple menu or by connecting to a PC. It can be operated on a stand alone mode (Memory) or on a real time mode (SRO) with the use of a PC to display depth, speed, tension and two additional channels. It is also equipped with three additional 4-20mA channels for measuring other wellhead parameters.

Characteristics

Depth Accuracy	±0.3 ft. (±0.1 m)
Real Time Monitoring	Yes (a computer is necessary)
Software Compatibility	Windows 7/Vista/XP/NT/2000
Display	LCD Graphic Display (320 x 240)
Memory	1 million samples or 30 hours @ 0.1s sampling rate
Power Input Voltage	6 - 28 VDC, 200 mA at 12 VDC | 100-240VAC, 50/60Hz (with a power adapter) | Lithium Battery Pack
Sampling Rate	0.1 second to 1.8 hours, each channel can be configured seperately
Encoder	+5 VDC Optical Encoder, Resolution 512 - 1024
External Channels	3 Channels (4-20 mA input)
Depth Alarm	Up to 8 w/Close to Surface Alarm
Speed Alarm	One
Tension Alarm	One
Dimensions–inches	4.30 (H) × 7.90 (W) × 9.10 (L)
Weight	8 lbs
Operating Temperature	-20 °C (-4 °F) to 70 °C (158 °F)
Communication	USB 2.0 (Type‒B Port)
Data Transfer Rates	Up to 1.8 MBits/second
Enclosure Type	NEMA 4

Applications:

- **Slickline Depth Recorder**

- **Coiled Tubing Depth Recorder with Customized Adapter**

- **Wireline Depth Recorder**