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 separately
- **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**