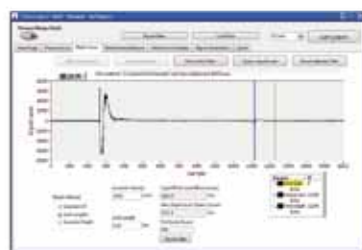


## Electronic Well Sounder EWS



### Well Sounder

The Electronic Well Sounder is a precision instrument for determination of the fluid level in the casing of a pumping well. This computer-supported fluid level recorder makes it easy to find, calculate, and print accurate fluid level data.

## Description

The Leutert Electronic Well Sounder EWS is a precision instrument for determination of the fluid level in the casing of a pumping well. The Pressure Pulse Gas Gun of the EWS sends a gas pressure pulse down the annulus of the well. The pressure pulse reflects from each collar and the fluid as it travels down the well. The Electronic Well Sounder picks the fluid level and displays it on the computer screen. This computer-supported fluid level recorder makes it easy to find, calculate, and print accurate fluid level data. Working with the integrated computer and the pre-installed Electronic Well Sounder Software allows the user to generate fluid level reports, including screen shots of graphs and complete fluid level data. All reports may be printed, saved as data files or transmitted electronically as Adobe .pdf files.

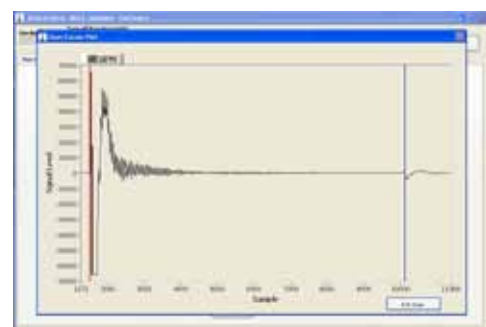
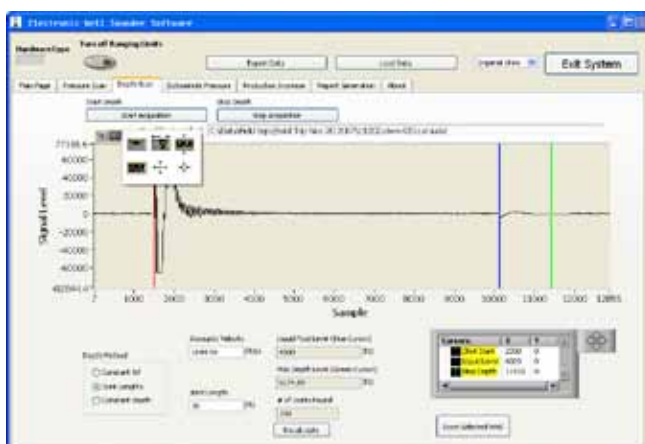
The main features of the Leutert EWS system are:

- Paper-free digital system
- Digitizes the fluid level data for easy analysis
- Software with many options for customization and reporting
- Software allows easy calculation of bottomhole pressure and other important parameters

The main components of the system are the Electronic Well Sounder with the integrated computer, the Pressure Pulse Gas Gun and the EWS software.

## Technical Specifications

Electronics	:	Embedded microcomputer
Power supply	:	12 VDC rechargeable battery incl. charger or external 12 VDC / 100 – 240 VAC
Pressure Pulse Gas Gun	:	pressure rating up to 3,000 psi   206 bar
Working temperature range	:	
- EWS (with integrated computer)	:	refer to the technical data of the integrated computer
- Pressure Pulse Gas Gun	:	-68 °F – 140 °F   -20 °C – 60 °C
Weight	:	
- EWS (with integrated computer)	:	20.5 lbs   9.3 kg
- Pressure Pulse Gas Gun	:	18.3 lbs   8.3 kg



Fluid level diagram, computer report