

Linewise System and Software



Application

The Linewise System is a basic acquisition system comprised of hardware and software that records and displays simple process measurements. Examples of these include: depth, line tension, pressure, temperature, and flow. It can measure four analog voltages, four frequency inputs, and depth counter input. The Linewise System can interface with the Lee Specialties DRS Panel, the Magnetic Mark Detector System, and the Winch Shutdown Control System. The hardware that makes up the Linewise System is a laptop computer (existing or DataCan supplied) and a USB interface with four frequency inputs and four analog inputs.

The Linewise System can be used in the following applications:

Weight Indicator (wireline tension: hydraulic, inline, s-link)
CCL Meter (shooting CCL)
Pressure Indicator (wellhead pressure for casing and tubing)
Depth Panel
Linewise Report (data gathering)
Pressure Testing
Flow Testing

Features

- Simultaneously records and displays wireline depth, speed, tension, and wellhead pressure
- Ideal for any wireline operation
- Easy to install
- Four digital and four analog inputs
- Analog inputs of 0-5V, 4-20mA, 0-10V
- Automatically records all data
- Incorporates existing measurement equipment
- Works with most manufacturers' measuring heads
- Flexible configuration for wireline use, pressure testing, or other operations

Benefits

The Linewise System is easily configurable for a number of possible customer applications. It is an ultra-compact system that acquires 9 channels of data simultaneously. The simple USB communication eliminates the need for any added drives.

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Pressure Testing

Part Description	Part Number
Linewise Module	AE304UU0002
Laptop	PE171UU0001
Pressure Transducers (1,000 psi)	PE171UU0045
Pressure Transducers (5,000 psi)	PE171UU0047
Pressure Transducers (10,000 psi)	PE171UU0049
Pressure Transducers (15,000 psi)	PE171UU0050
Pressure Transducers (30,000 psi)	PE171UU0052
Cable for up to 5000 psi	105766
Cable for 5000 psi and Above	AE304UU0019