

DataCan*
Product Catalog

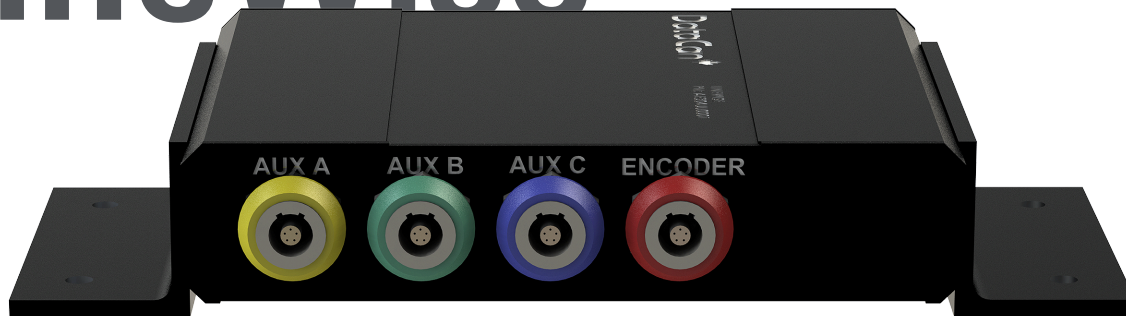
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Wireline

LineWise



Application

The LineWise System is a basic acquisition system composed of hardware and software that records and displays simple process measurements. It can measure four analog voltages, four frequency inputs, and depth counter input. The LineWise System can interface with the DataCan DTD Panel, the Winch Shutdown Control System and multiple different sensors for measurements such as tension, pressure, flow, volume, and temperature among others.

The Linewise System contains the following applications:

Weight Indicator (wireline tension: hydraulic, inline, s-link)

CCL Meter (shooting CCL)

Depth Panel

Linewise Report (data gathering)

Pressure Testing

Flow Testing

Benefits

The LineWise System is easily configurable for a number of possible customer applications. It is an ultra-compact system that acquires 8 channels of data simultaneously, as well as depth. The simple USB communication eliminates the need to install any USB drivers.

Features

- Simultaneously records and displays wireline depth, speed, tension, and wellhead pressure
- Ideal for any wireline operation
- Four digital and four analog inputs
- Incorporates existing measurement equipment
- Flexible configuration for wireline use, pressure testing, or other operations
- Can be configured for Pump truck use

Accessories

Part Description	Part No.
Linewise Module	AE304UU0002
300 Pulse Encoder Servo mount	PM603UU0067
Cable_Depth_30ft	AE304UU0016
Inline Tension Cable - 30ft	AE304UU0035
Laptop	PE171UU0001
Hydraulic Tension System	See Product page
Electronic Slickline Tension System	See Product page
Wellhead Pressure System 5K psi with Intrinsic Safety Barriers	AE304UU0051-5
Wellhead Pressure System 10K psi with Intrinsic Safety Barriers	AE304UU0051-10
Wellhead Pressure System 15K psi with Intrinsic Safety Barriers	AE304UU0051-15



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Depth Tension Display



Application

The Depth Tension Display and Speed is an electronic display that will provide a wireline operator a display of the current depth/ speed and/or tension on the wireline as they are performing operations in a truck or wireline unit. The DTD will transmit a predetermined format of the signal of the tension input to an output connection for the sake of sharing the signal with different electronic data acquisition devices such as LineWise or Warrior.

Benefits

The Depth/Tension Display conveniently stores the last depth value in case of power loss and has a bright display making it readable in all conditions. It also allows the winch operator to view the tension reading in real-time, while providing an output signal for other data recording systems such as LineWise.

Features

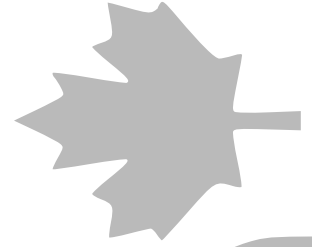
- Retains Settings when Powered Down for use During the Next Job
- Supplies 5 or 12 Volts to an Encoder
- Supplies Power to Load Pin or Tension Sensor
- Measures Encoder Pulses up to 9999 Pulses Per Revolution
- Displays Depth Values in either Metric or Imperial
- Calculates all Scale Factors and Conversions
- Configurable Depth-to-Surface Alarm
- All Parameters are Adjustable via a Numeric Menu
- Tension easily Calibrated using two-step process
- Configurable display to read: Depth and Speed, Depth and Tension, or Depth, Tension and Speed

DTD

Description	Part No.
Depth Tension Display Assembly v.1.1 w/Power Cable	109987

Accessories

Description	Part No.
Depth Cable Assembly	AE304UU0016
Tension Cable Assembly (Inline tension)	AE304UU0035
Tension Output cable (to LineWise)	108769
Tension Output Cable to Warrior	109988
Depth Output cable (to LineWise)	AE304UU0011
Depth Output Cable to Warrior	AE303UU0011



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PMR Memory Depth Recorder



Application

The Portable Memory Recorder (PMR) provides depth correlation on slickline memory operations. Depth, tension, and two other configurable inputs are recorded and displayed. The data is later merged with Memory Production Logging, Memory Gauge, or Mini-Logging Tool data.

Benefits

The Portable Memory Recorder (PMR) downloads recorded data for log merging with the push of a button, making it very easy to use. The memory can be read while on board or with any generally available card reader.

Features

- Depth, Line Speed, Tension, and Two Other Analog Inputs
- User Selectable Tension Input - Single Ended, Differential, or I 2 C Digital Communications
- Up to 20 Samples/Second
- Four Programmable Depth Alarms
- Internal Rechargeable Battery or External Power Supply

PMR

Description

Part No.

Portable Memory Recorder (PMR)_Standard	AE308UU0002
Depth Encoder Kit_Memory	AE603UU0009
Case_1520_Portable Memory Recorder	106487
Cable_Depth_30ft	PE171UU0071

Hydraulic Tension Device



Application

The Hydraulic Tension Device monitors wireline tension by connecting to a sheave, and the load cell converts tension to hydraulic pressure which is then read into LineWise through a transducer for electronic monitoring and recording. This system allows for tension to be monitored on systems that do not offer a tension device attached to a measuring head. Available in 2000, 4000, and 5000 lbf tension ratings, the Hydraulic Tension Device provides a mechanical gauge readout when connected to a load cell at the wellhead.

Benefits

The Hydraulic Tension Device provides a robust and reliable measure of slickline tension and includes both electronic and mechanical indicators with redundancy.

Features

- Monitors Wireline Tension by Connecting to a Sheave
- 2000, 4000, and 5000 lbf Line Tension Ratings Available
- Higher Tension Ratings Available Upon Request
- Read into Linewise through a Transducer
- Mechanical Gauge Readout
- Hydraulic Connection to Load Cell at the Wellhead

Hydraulic Tension Device

Type	Part No.
2K Hydraulic Weight Indicator Assembly Kit	108589
4K Hydraulic Weight Indicator Assembly Kit	106248
5K Hydraulic Weight Indicator Assembly Kit	107516

Accessories

Accessory Type	Part No.
Hydraulic Hose 1/4"x100'	105882
Transducer 1K Hydraulic c/w Cable	AE550UU0009
Transducer 2K Hydraulic c/w Cable	AE550UU0057
Hand Pump	105952
Weight Indicator Fluid	PE550UU0022



Wellhead

Pressure

Application

The Wellhead Pressure System provides an electronic reading for pressure at the wellhead. These readings assist with leak detection and are calibrated for use with the Linewise system.

Benefits

The Wellhead Pressure System has an intrinsically safe and rugged design for the monitoring of wellhead pressure. There is a dual sensor version that allows the customer to measure both casing and tubing pressure.

Features

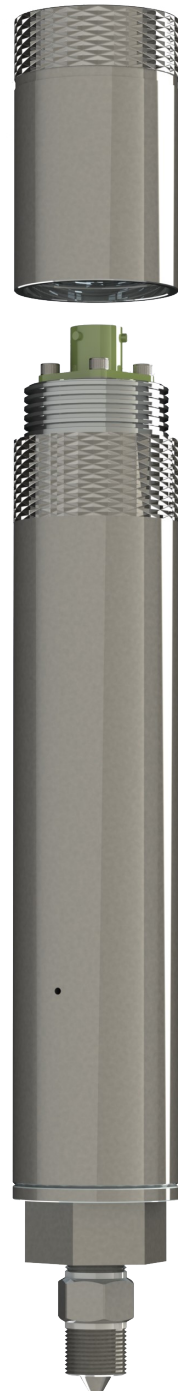
- Available in Different Pressure Ratings
- Monitors Casing and/or Tubing Pressure at Wellhead
- Works with Lee Specialties Linewise
- Rugged Case for Pressure Transducer
- Class 1, Div 1 Intrinsic Safety rated with Barrier
- Hardwired Connection to Transducer at Wellhead

Wellhead Pressure

Type	Part No.
10K Pressure Transducer	AE302UU0002-10
15K Pressure Transducer	AE302UU0015-15

Accessories

Type	Part No.
Reel	PM735UU0248
Cord	AE304UU0036-150
10K Wellhead Assembly	AE304UU0051-10
15K Wellhead Assembly	AE304UU0051-15



Specifications

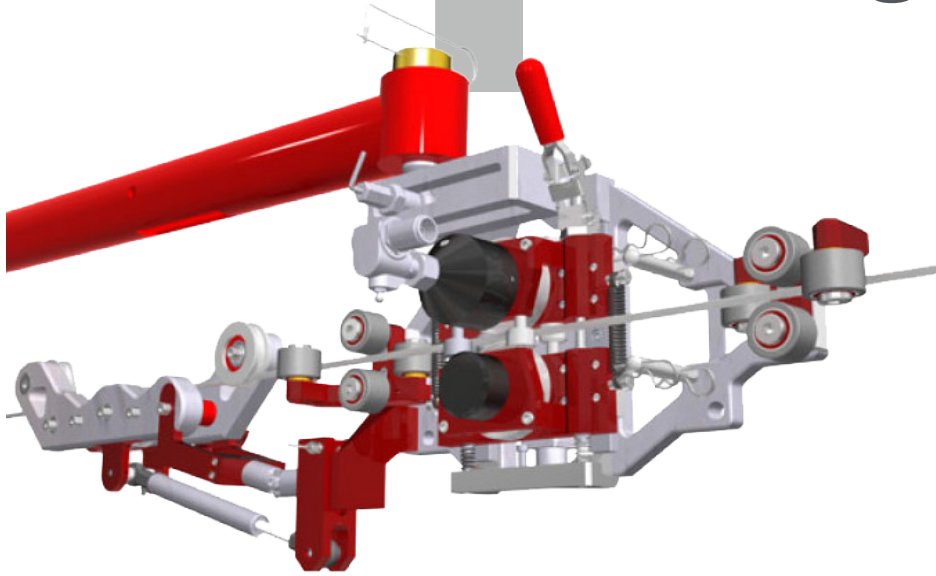
	Details	
	10k model	15k model
OD (collapsed)	1.375 in (34.9 mm)	1.5 in (3.8 cm)
Length	7.5 in (19 cm)	10.6 in (27 cm)
Weight	1.63 lbs (0.74 kg)	3 lbs (1.38 kg)
Pressure Rating	10,000 psi (68.9 MPa)	15,000 psi (103.5 MPa)
Threshold Velocity	±1% FS	±1% FS



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Depth

Universal Measuring Head



Application

The Universal Measuring Head provides accurate depth, speed, and line thickness measurement for slickline sizes as small as 0.062 inch and braided line sizes up to 1/2 inch. This eliminates the need for combination wireline units to carry two measuring heads. By incorporating dual digital encoders for electronic depth, a planetary drive for mechanical depth, and a slickline oiler system; this measuring head covers all of your slickline, cased hole, and open hole measurement needs. The simple side loading, lightweight design makes for effortless installation and maintenance. The Universal Measuring Head incorporates dual digital encoders for electronic measurements, a planetary drive for mechanical measurements, and a slickline oiler. The counter mounts to the overhead spooling arm of a wireline unit or, if a tension device is not installed, a vertical spooler. Imperial and metric configurations are available. Included with the counter is a quick release adapter for mounting a Lee Specialties, Inline Tension Device (sold separately).

Benefits

The Universal Measuring Head can easily be changed from slickline to braided line, as no hardware changes are needed. It can accept and measure varying sizes of slickline or braided line without having to modify the measuring head.

Features

- Universal Head for Slickline, E-line and Open Hole
- Remove Line-Oiler, Attach Tension Device for E-line Use
- Line Diameter Measurement
- Dual Digital Encoders Plus Mechanical Drive
- Compact, Lightweight Device
- Mount to Overhead Spooling Arm
- Available in Both Metric and Imperial Configurations

- Side Loading

Accessories

Accessory Type	Part No.
Cased hole tension device assembly	AM604UU0008
Open hole tension device assembly	AM604UU0009
Depth Cable - 30ft	AE304UU0016
Inline Tension Cable - 30ft	AE304UU0035

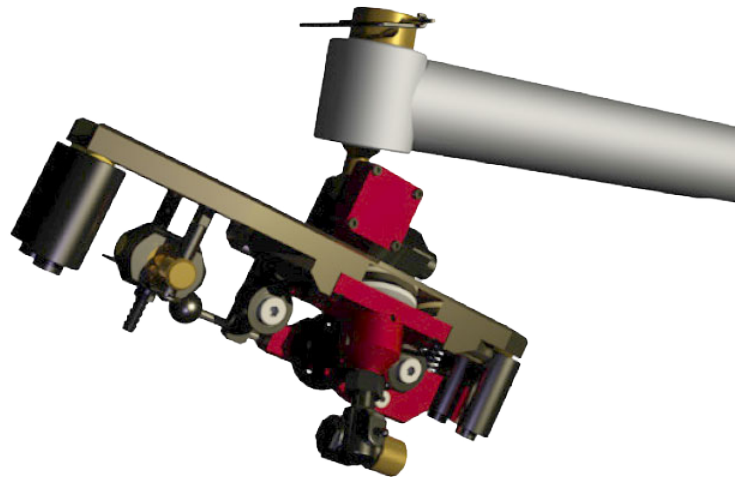
Specifications

Length	21 in (53.3 cm)
Width	9.3 in (23.6 cm)
Height	15.3 in (38.8 cm)
Weight	29 lb (13.15 kg)



Slickline

Measuring Head



Application

The Slickline Measuring Head is a compact, durable device used to measure depth and speed. The unit mounts to an overhead spooling arm or track. The straight-through design reduces wireline bending, fatigue and wear. The unit supports a digital encoder and mechanical odometer, and is available in Metric or Imperial configurations. The simple side loading, lightweight design makes for effortless installation and maintenance.

Benefits

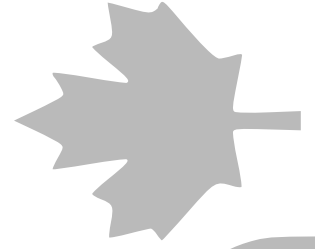
The Slickline Measuring Head is industry proven with recognized accuracy; more accurate than wraparound counters.

Features

- Compact, Lightweight Device
- Mount to Overhead Spooling Arm or Vertical Spooler
- Straight-Thru Design Reduces Wireline Bend, Fatigue and Wear
- Measure 0.072 in. to 0.160 in. Slickline
- Supports One Digital Encoder and a Mechanical Drive
- Available in Metric or Imperial Configurations
- Side Loading

Specifications

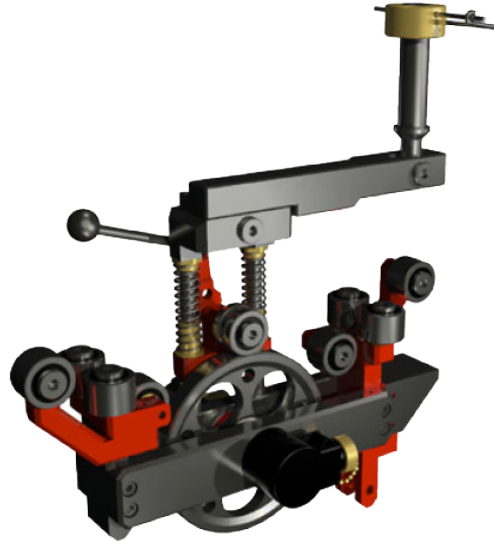
Length	16.75 in (42.6 cm)
Width	5.25 in (13.3 cm)
Height	6.5 in (16.5 cm)
Weight	16 lb (7.3 kg)



Patrol Car

Braided

Line Measuring Head



Application

The Quinn's Energy Services Braided Line Measuring Head is a compact and durable device used for measuring wireline depth and speed. The head mounts to an overhead spooling arm and is capable of measuring wireline sizes from 3/16" up to 1/2". The straight-thru design eliminates the need for line size calibration or coefficients and reduces wireline bending, fatigue and wear. The unit supports a digital encoder and mechanical odometer and is available in Metric or Imperial configurations. The simple side loading, lightweight design makes for effortless installation and maintenance.

Benefits

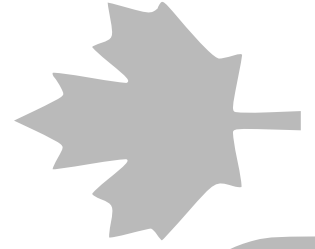
The Braided Line Measuring Head has a compact design for easy wireline insertion and removal.

Features

- Compact, Lightweight Device
- Mount to Overhead Spooling Arm
- Measure Wireline Sizes from 3/16 in. to 1/2 in.
- Straight-thru design Eliminates Need for Size Calibration or Coefficients
- Available with Metric (0.5 m) or Imperial (2 ft) Wheel
- Side Loading

Specifications

Length	16 in (40.6 cm)
Width	6.25 in (15.9 cm)
Height	12.25 in (31.1 cm)
Weight	18 lb (8.2 kg)



Delta Chair

E-Line

Tension Device



Application

The Inline Tension Device attaches to the Quinn's Energy Services Braided Line Measuring Head or Universal Measuring Head and is used to measure line tension. The tension device can measure wireline cables up to 1/2 inch in diameter.

Benefits

The Inline Tension Device for E-Line has a convenient in-situ calibration that is not always required after changing wireline size.

Features

- Heavy-Duty Unit for Open Hole Operations Available for Cable up to 1/2 in - Maximum Tension of 20,000 lbf
- Heavy-duty Unit for Cased Hole Operations Available for Cable up to 3/8 in - Maximum Tension of 15,000 lbf
- Connects Directly to Lee Specialties Braided or Universal Measuring Heads
- Sensitive Load Cell

Specifications

Length	15.5 in (39.4 cm)
Width	3.3 in (8.4 cm)
Height	5.9 in (15 cm)
Weight	20 lb (9.1 kg)

Inline Tension Calibrator

Application

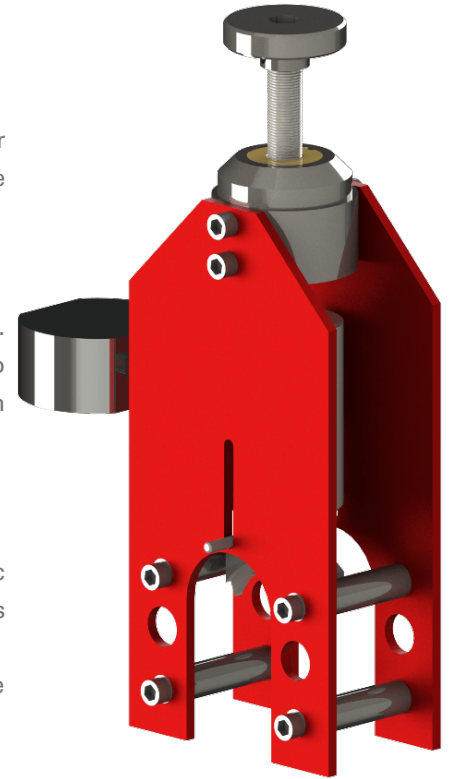
The Inline Tension Calibrator connects to a DataCan Inline Tension Device to allow for quick and easy calibration. Frequent calibration keeps the tension measurement precise and accurate. Available for both open hole and cased hole Inline Tension Devices.

Benefits

The Inline Tension Calibrator has a compact design, making it easily portable. Calibration can be done quickly, easily and safely as it does not need a high tension to calibrate. This device allows a user to apply the equivalent force to a full line tension pull to the tension device without the danger of applying extreme load to a wireline.

Features

- Downward force is applied to the load pin to simulate line load, and hydraulic force applied is measured by use of a digital pressure gauge. The pressure is read using the digital gauge.
- An Inline Tension Device can be calibrated without removing it from the measuring head or the wireline unit it is attached to.



Inline Calibration Device

Description	Part No.
Cased Hole Inline Tension Device Calibrator	AM401UU0001
Open Hole Inline Tension Device Calibrator	AM401UU0003

Accessories

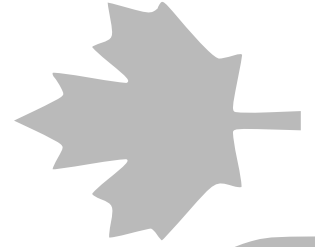
Description	Part No.
Inline Tension Cable Assembly	AE304UU0035

Physical Dimensions

Description	Value - in (mm)
Height	15.25 (387)
Width	4.7 (119)
Length	9.3 (236)

Associated Equipment

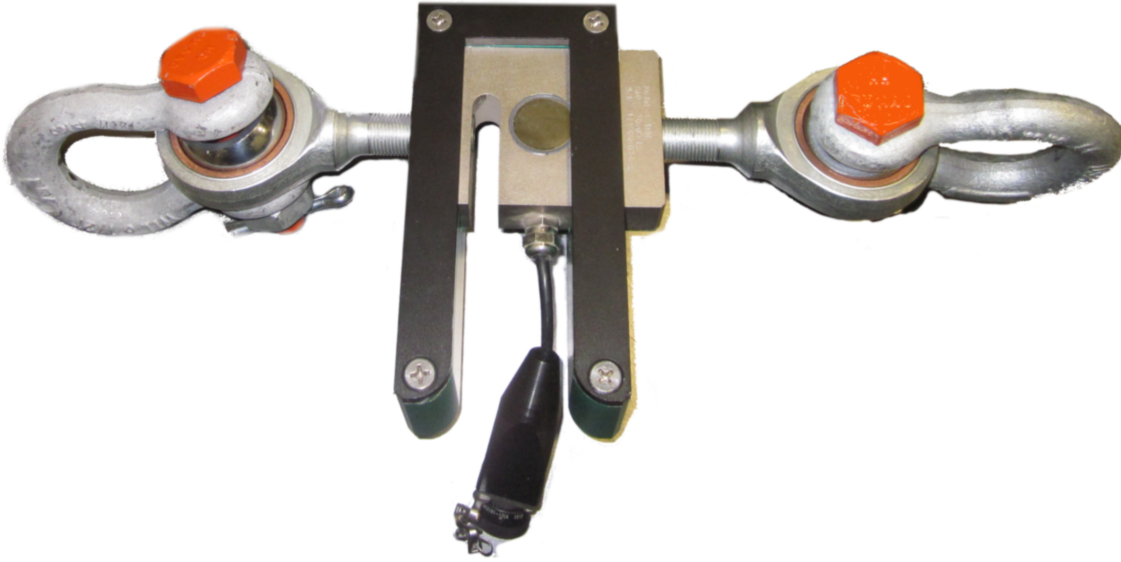
Description	Part No.
Tension Device for Braided Line Counter - Cased Hole	AM604UU0001
Tension Device for Braided Line Counter - Open Hole	AM604UU0004
Tension Device for Universal Counter - Cased Hole	AM604UU0008
Tension Device for Universal Counter - Open Hole	AM604UU0009



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S-link

Electric Tension Device



Application

The Electronic Tension Device monitors wireline tension by connecting to a sheave, and the S-link load cell converts tension to electronic signal which is then read into LineWise monitoring and recording. This system allows for tension to be monitored on systems that do not offer a tension device attached to a measuring head, typically slickline. Available in 5000 and 10,000 lbf tension ratings, with lower ranges available upon request.

Benefits

The Electronic Tension Device provides a precise, robust and reliable measure of slickline tension and interfaces directly to LineWise.

Features

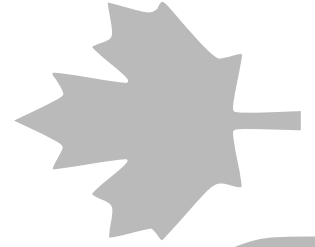
- Monitors Wireline Tension by Connecting to a Sheave
- 5000 and 10,000 lbf Line Tension Ratings Available
- Higher and lower Tension Ratings Available Upon Request
- Read into LineWise through wired connection
- Software readout

Hydraulic Tension Device

Type	Part No.
5K S-link Weight Indicator Assembly Kit	AE550UU0007
10K S-link Weight Indicator Assembly Kit	AE550UU0015

Accessories

Accessory Type	Part No.
S-link Connection Cable assembly with Reel - 150 feet	107543
Cable Guard	107716
S-link Connection Cable assembly without Reel - 150 feet	AE550UU0013



DeltaScan

This all started with a ping-pong table...

We were four friends with two things in common: a knack for engineering and no jobs. After the 2006 oil crash, we began using James' basement to meet and create downhole tools. Although the basement wasn't our ideal workspace, we made it work, including using an old ping-pong table as a surface to stage our shipments.

We wanted to make downhole pressure gauges that were easy to use and that worked all of the time. At the time, too many downhole electronic products had high failure rates. Thankfully, Katie found the calibration system too noisy. Along with the ping-pong table, we moved into a massive 1,500 square foot commercial space. It seemed like a huge risk.

Slowly but surely, we began to develop new designs and the foundation for a healthy small business. A daring few joined us and today our family has grown into a team of almost fifty people. We occupy two offices in two countries with about 20,000 square feet of space (slightly bigger than a basement). We opened a branch in Houston, TX and were awarded Red Deer Canada's '2019 Business of the Year' award.

Although we've changed a lot over the last fourteen years, one thing remains the same...that ping-pong table looks good in our offices.

James Wright



Mark Hartwell



Sheldon Nedeau



Brad Pound



ABOUT