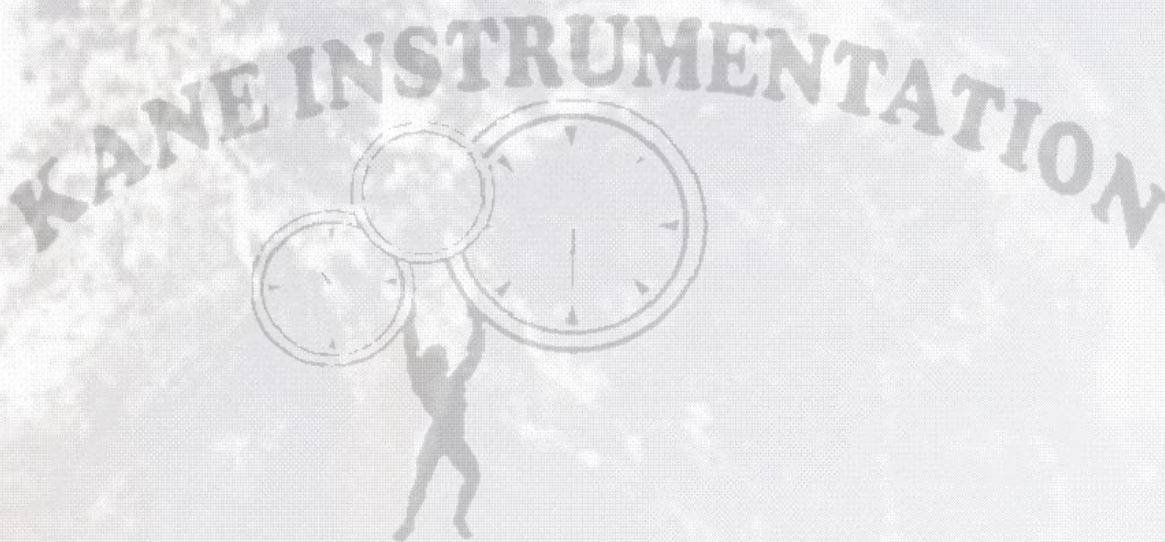




KANE INSTRUMENTATION LTD.

Specializing In Gauge and Oilfield Instrumentation Repair



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KANE INSTRUMENTATION LTD.

Mission & Vision Statement from the President

Kane Instrumentation Ltd. is committed to the highest level of customer service and satisfaction, excellent product reliability and endurance, and the safe operations of its staff members.

We are dedicated to achieving our customer's needs by delivering top quality products and service.

Our goal is to be innovative, cutting edge and be the number one choice for your oilfield instrumentation supplies. Kane Instrumentation's people and their customers are the core to a successful business.


Shane Derewianka


(President)

About Us

- Established 2002.
- Canadian owned and operated.
- Canadian distributor for Schwab's Instrumentation.
- 35 plus years of instrumentation knowledge in the oil patch.
- Competitive pricing on all products.
- Products made and manufactured in North America.
- Sales and service for weight indicators (deflection, pad type, type C & G, midget) , mud gauges, cement recorders, six inch gauges, tong cylinders, torque assemblies, line pull assemblies, 1502 sensors, wireline gauges and cylinders (electronic & hydraulic), depthometers, counters, diaphragms, auto drilling systems, rotary torque assemblies (electronic & hydraulic), electronic counters, electronic analog & digital weight indicators (deflection & load link style), electronic gauges, electronic mud gauges, battery operated pump stroke counters, RPM & SPM indicating systems, electronic transducers & transmitters, well head gauges, instrument fluid, disconnects, hand pumps, recorder charts, torque alerts, torque masters (dump valve systems), anchors, bulk bin indicators, safety lines, safety valves, pop off valves, oil saver pumps, flow meters, deadweight gauges, noise meters, thickness gauges, CO2 monitors, multi-meters, Rexroth air controls, washer pumps, fall arrests (SRL's), Geronimo escape slides & much, much more.

For additional information please call:

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Visit us at www.kaneinstrumentation.com or call (780) 416-5263

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Midget/Mini Weight Indicator Systems

Features

- Large 6" fluid filled gauge for easy viewing and durability.
- 15 feet of high-pressure hose.
- Heavy duty steel box.
- Includes load cell and built-in damper assembly.
- Rugged design and durable material.
- Accurate measurements in extreme conditions — operational in ambient temperature range of -50° to 150° F (-45° to 65° C).
- Midget/Mini Weight Indicator System is provided with a 6.53 sq. inch piston type load cell which has a working capacity of 25,000 pounds single line load. Non-Spin model available upon request.
- Super Midget/Mini Weight Indicator System comes with a 10.8 sq. inch tension cylinder or 16.1 sq. inch diaphragm type tension load cell which has a working capacity of 30,000 pounds single line load.
- Available in English, Metric, or dual scale divisions.

To Order Specify

- Single Line Load Capacity
- Line Size and Number of Lines (e.g.: 2 Lines 7/8")
- Length of Hose (standard length is 15 feet)
- Dial Scale
- Load Cell Style



Bulk Tank Weight Indicator

Features

- The bulk weight indicator system eliminates speculation when blending wet or dry material offering exceptionally accurate load measurement for bulk tanks and hoppers.
- Each system includes gauge, gauge bracket for mounting, hose assembly, and hydraulic compression type load cell.
- Designed for bulk tank applications with a 2:1 or 3:1 load distribution.
- Ideal for bulk weight weighing of drill mud, chemicals or cement.
- Compression load cell styles are used on mud and friction free cement application onshore.
- Tension load cell styles are used on mud and cement tanks located below deck on offshore rigs.
- Available in fluid filled 6" or 8.5" gauges or dry 12" or 16" gauges.
- System includes 6", 8.5", 12", or 16" gauge, 15 ft hose assy and compression or tension load cell.
- Up to 300,000 lbs. capacity on 2:1 load distribution.
- Up to 450,000 lbs. capacity on 3:1 load distribution.
- Dial is rotating for ease of tare adjustments and dampener adjusts for pointer sensitivity.
- Available in English, Metric or SI Metric

To Order Specify

- System Capacity Including Tare Weight
- Size of Gauge
- Length of Hose
- Type of Tank
- Ratio of Tank
- Scale Required (lbs., kgs, daN or tons)



Anchor Type Weight Indicator

Features

- Helps driller maintain consistent weight on bit to drill faster, more efficiently and more economically.
- Available as separate unit or, for greater convenience, mounted in driller's console with a choice of the following instruments: mud pump pressure gauge, mud pump stroke meter (SPM), rotary table meter (RPM), electric torque meter, tong-torque gauge, automatic driller.
- Cuts down on time consuming fishing jobs; detects stuck pipe, tight holes.
- Gauge consists of outer dial for direct reading of weight on bit, inner dial for total hook load.
- Equipped with vernier bit weight indicator for 4:1 sensitivity, greater accuracy.
- Anchor secures deadline, with load cell mounted in anchor to produce precise weight signals. These signals are transmitted instantly to the gauge mounted in front of the driller.
- Compatible with either National or Hercules deadline anchors.

To Order Specify

- Single Line Load
- Number of Lines Strung
- Size of Line
- Length of Hose
- Type of Deadline Anchor



Clipper/Deflection Type

Features

- Clipper/Deflection type weight indicators are ideal for use with small to medium drilling and workover rigs.
- Unit is portable, rugged, and dependable. Ready to be placed on the drill line right out of the box.
- Clipper/Deflection type load cell may be used on wire line sizes from 7/8" to 1-1/4".
- The system comes with self-contained steel box.
- Weight indicator head is complete with 4 dial set for use with different wire line sizes and lines strung.
- Comes with 25 ft hose assy and deflection type load cell with C-clamp.
- Available in English, Metric or SI Metric.

To Order Specify

- Single Line Load Capacity
- Line Size and Number of Lines (eg: 4 Lines 7/8")
- Scale Required (lbs., kgs or daN)



Wireline Weight Indicator

Features

- Large 6" fluid filled gauge with dial faces available in pounds, kilograms or decanewtons.
- Includes hydraulic hose, and custom-sized tension load cell.
- Damper system is user-friendly and allows for the measurement of even the smallest of changes.
- Calibration certificates are sent with the system.
- Available in the following capacities: 1000, 2000, 3000, 4000, 5000, 6000, and 10,000 pounds.
- Additional configurations available upon request.

To Order Specify

- System Capacity
- Dial Reading: English, Metric or SI Metric
- Length of Hose



Type C & G Weight Indicator

Features

- The Type 'C' or Type 'G' weight indicator offers the user an accurate measurement of hook load during operation.
- It is a very rugged and dependable unit and can be used in situations where extreme cold temperatures are a factor.
- The Type 'C' model can measure up to 180,000 daN
- The Type 'G' model can measure up to 270,000 daN
- Available in English or SI Metric.

To Order Specify

- System Capacity
- Line Size and Number of Lines Strung
(eg: 8 Lines 1-1/8")
- Scale Required (lbs. or daN)



Lo-Hydro Special Weight Indicator

Features

- Ideal for smaller rigs and where space is at a premium.
- Unit is portable, rugged and dependable. Ready to be placed on the drill line right out of the box.
- Lo-Hydro load cell may be used on wire line sizes from 3/4" to 1".
- The system is self contained and with a steel box.
- 6" gauge can be configured for only 1 scale and line size.
- Comes with 15 ft hose assy and deflection load cell with c-clamp.
- Available in English, Metric or SI Metric.

To Order Specify

- System Capacity
- Line Size and Number of Lines (eg: 2 Lines 3/4")
- Scale Required (lbs., kgs or daN)



Pad Type Weight Indicator

Features

- Pad type weight indicators are used on applications where either there is no dead line or a double fast line is being used.
- System detects mast load under the mast jack screws independent of reeving configuration.
- They give accurate weight indication up to 300,000 lbs.
- The system comes with a gauge (6" or 8.5"), box, hose assembly, and two pads.
- Available in English, Metric or SI Metric

To Order Specify

- System Capacity
- Scale Required (lbs., kgs or daN)
- Size of Gauge (6" or 8.5")
- (Single Cell Systems Available for Gin Pole Applications)



Coil Tubing Weight Indicator

Features

- Coil tubing indicator systems are designed to give accurate weight readings for a coil tubing string in the wellbore.
- Designed to be single or dual acting depending on the needs of the coil tubing unit.
- System includes either a 6" or 8.5" weight indicator, bracket, hose and compression load cell.
- Available in a variety of configurations for all coil tubing applications.
- System is built to suit for your application

To Order Specify

- Size of Indicator (Only for Single Pointer)
- Capacity of Indicator
- Ratio of Unit (eg: 2:1)
- Single or Dual Pointer
- Length of Hose
- Scale Required (lbs., kgs or daN)



Crane Scale Weight Indicator

Features

- Ideal for construction, dockside, offshore drilling, material replenishment, and salvage operations.
- Helps prevent buckled booms, costly, and dangerous crane accidents.
- Large 8.5" dial is simple to see.
- Gauge can be mounted inside or outside of the cab within easy view of the crane operator.
- Electronic "All In One" version also available (can be ordered with remote display).
- Dial capacities up to 300,000 lbs.

To Order Specify

- Crane Make and Model
- Boom Length (distance from center line of boom foot pin to center of line of boom point hoist sheave pin)
- Number of Parts of Line
- Wire Rope Size
- Capacity of Crane at Boom Length and Parts Line Specified
- Distance from Boom Foot Pin to Axis of Rotation (only needed if Radius Sensor is being used)
- Radius and Capacity Data as Shown on Manufacturer's Rating Card (only needed if Radius Sensor is being used)



Single Pointer

Features

- Single pointer mud pressure system is designed to read pressure up to 15,000 psi.
- The system uses 1502 and 2202 hammer unions with diaphragm protectors, piston isolators, or boosters to separate mud, cement, and the like from system internal parts.
- Gauge is fluid filled and calibrated 360°.
- Standard capacities 3,000 psi, 5,000 psi, 6,000 psi, 10,000 psi, and 15,000 psi along with their metric equivalents.
- Available in box and panel mount versions.

To Order Specify

- Capacity of Indicator
- Scale Required (psi, kPa, MPa or other)
- Box or Panel Mount
- Length of Hose
- Specify Type of Sensor
- Standard or H2S Service



Dual Pointer

Features

- The dual pointer mud pressure system is designed to read pressure up to 16,000 psi.
- The dual movement allows for monitoring large and small pressure changes.
- The unit is primarily used on service trucks used in high pressure cementing and fracturing.
- It uses rugged diaphragm protectors, 1:1 piston isolators, and 4:1 deboosters to separate drilling mud, chemicals, and cement from the internal parts of the system.
- Gauge fluid filled and calibrated 360° with secondary 4:1 pointer showing smaller pressure changes.
- Standard capacities 4,000 psi, 8,000 psi, 12,000 psi, 16,000 psi and their metric equivalents.
- Available in box and panel mount versions.

To Order Specify

- Capacity of Indicator
- Scale Required (psi, kPa, MPa or other)
- Box or Panel Mount
- Length of Hose
- Specify Type of Sensor
- Standard or H2S Service



Unitized Mud Gauge

Features

- Unitized Mud Gauges (UMG) come standard with a 2" male NPT, 2" 1502 hammer union or flange type connection.
- These mud pump pressure gauges (aka Standpipe Gauge) provide the same reliability as our standard 6" gauges.
- Just like reading a large clock at a distance, Kane's UMG gauges provide an easy-to-view, 6" full-faced, liquid-filled dial.
- With built in dampener assembly and blow-out plug safety feature, these gauges stand up to over-pressure situations, kicks, and rig vibrations.
- This style of gauge is ideal for mud pumps, standpipes, choke manifolds and pump trucks and can be used in cementing, fracturing, acidizing, gravel-packing trucks, blowout preventers, and mud pump pressure gauge applications.

To Order Specify

- Pressure Capacity
- Scale of Dial (psi, kPa, MPa or other)
- Type of Connection (2" NPT, Hammer Union or Flange)
- Standard or H2S Service



Standpipe Pressure Gauge

Features

- The standpipe gauge is used in applications where high levels of pulsation and vibration are occurring.
- These gauges provide accurate pressure readings with quick response to pressure changes.
- Built-in dampening to minimize gauge fluctuations.
- Liquid filled gauge minimizes vibration and wear to gauge movement.

To Order Specify

- Pressure Capacity
- Scale of Dial (psi, kPa, MPa or other)
- Type of Connection (2" NPT, Hammer Union or Flange)
- Standard or H2S Service



Debooster Gauge

Features

- Debooster gauges are designed to reduce line pressure by a ratio of 4:1 so that 1/4 of the actual pressure is seen at the manifold.
- System is also designed to read pressure up to 20,000 psi.
- Operator safety is increased since only 75% of line pressure is reduced by the deboster.
- The system uses 1502 or 2202 hammer unions to separate mud, cement, and the like from system internal parts.
- Gauge is fluid filled and calibrated 360°.
- Standard capacities 10,000 psi, 15,000 and 20,000 psi along with their metric equivalents.
- Available in box and panel mount versions.

To Order Specify

- Capacity of Indicator
- Scale Required (psi, MPa or other)
- Box or Panel Mount
- Length of Hose
- Type of Connection (1502 or 2202 & NPT or butt weld)
- Standard or H2S Service



Limit Switch & Trip Gauge

Features

- Limit switch & trip pressure gauges offer the ability to set a specified pressure & automatically shut down a device such as a pump.
- Single pointer limit and trip pressure gauges are designed to read pressure up to 15,000 psi.
- The system uses 1502 or 2202 hammer unions with diaphragm protector, piston isolator, deboster, transducer (electronic version) or some other pressure line or sensor to send a signal back to the gauge.
- Hydraulic gauges are fluid filled.
- Both electronic and hydraulic versions are calibrated to either 270° or 360°
- Standard capacities 3,000 psi, 5,000 psi, 6,000 psi, 10,000 psi, and 15,000 psi along with their metric equivalents.
- Available in box and panel mount versions.

To Order Specify

- Type of Gauge Needed (Limit, Trip or Electronic)
- Capacity of Indicator
- Scale Required (psi, kPa, MPa or other)
- Box or Panel Mount
- Length of Hose or Cable (if using in conjunction with a sensor)
- Specify Type of Sensor (if required)
- Standard or H2S Service (if required)



Piston Isolator

Features

- Piston isolators are used to protect the measuring device from the working fluid while sending a pressure signal back.
- Also, suitable to separate pressurized gases such as nitrogen or CO2 in scouring applications.
- Reading accurate up to 140 ft which is twice the distance as the traditional diaphragm protector.
- 1502 or 2202 hammer union with either 2" NPT female sub or butt weld sub.
- Special seals combat acidic or granular operations.

To Order Specify

- Maximum Working Pressure
- Hammer Union Size
- Type of Sub
- Standard or H2S Service



1502 Pressure Sensor (Diaphragm Protector)

Features

- 1502 Pressure Sensors (or Diaphragm Protector) protect the measuring or recording device from working fluid while transmitting a no-lag, linear pressure signal.
- Rugged workhorse sensor (rubber standard),
- (Viton or urethane) found in every corner of the world doing every conceivable pressure sensing job.
- Robust, time proven design allows easy field repair and maintenance.
- Available in flanged, threaded, and weld-on (butt-weld) female sub configurations.
- Certified models available.

To Order Specify

- Maximum Working Pressure
- Hammer Union Size
- Type of Sub
- Standard or H2S Service



Electronic Transducer

Features

- Electronic pressure transducers are ideal for applications including acidizing, choke & kill manifolds, fracturing & cementing, mud logging & mud pumps, oilfield & offshore and wellhead measurement.
- CSA approved.
- Intrinsically safe for:
 - Class I, Div 1, Groups A, B, C, D, -40°C Tamb $<+85^{\circ}\text{C}$ T4
 - Class II, Div 1, Groups E, F, G
 - Class III
 - Class I, Zone 0, AEx/Ex IIC T4
- Non-Incentive for:
 - Class I, Div 2, Groups A, B, C, D, -40°C Tamb $<+85^{\circ}\text{C}$ T4
 - Class II, Div 2, Groups F, G
 - Class III
 - Class I, Zone 2 AEx/Ex ic IIC T4
- Pending certifications for: Factory Mutual, ATEX & CE
- Standard ranges of 5000 psi, 6,000 psi, 10,000 psi, 15,000 psi & 20,000 psi.
- 4-20 mA, 2 wire output signal.
- Inconel X-750 wetted parts & 316 stainless steel housing.
- 10-28 VDC excitation.
- Accuracy $<0.25\%$ full scale (BFSL) (includes the effects of non-linearity, hysteresis, non-repeatability, zero point and full-scale errors)
- Stability $<- +0.2\%$ full scale.
- Response time $< 2\text{m/s}$
- Electrical protection for reverse polarity, over-voltage and short circuit protected.
- 6 pin Bendix, 4 pin military or integral cable with gland connector.
- Optional carrying handle or electrical connector cage.
- Calibration certificate provided.

To Order Specify

- Pressure Range
- Wiring Code
- Electrical Connector
- Carrying Handle or Electrical Connector Cage (if required)



Hand Pumps & Oil

Features

- Hand pumps and instrument fluid are available for charging up line hoses and load cells as well as filling up gauges.
- Aluminum construction of hand pump not only makes its robust but also makes it lightweight.
- Instrument fluid can be ordered in 1L or 4L (1 pint or 1 gallon) containers.
- Fluid can also be ordered in either clear or red.

To Order Specify

- Hand Pump
 - Swivel (standard) or Quick Connector (male or female)
- Instrument Fluid
 - 1L or 4L
 - Clear or Red Fluid
- Retainer Nut Removal Tool *
- Retainer Nut *
- Spare Diaphragm (rubber, Viton or urethane) *
- Spare Sub Seal (rubber or Viton) *

* (if required)



Tong Line Pull Series

Features

- Tong Line Pulls are designed to give accurate readings for makeup and breakout torque.
- They help prevent over or under turning of the drill pipe.
- System is comprised of 6" fluid filled gauge, 15 ft hose assembly, and tension cylinder.
- Gauge bracket and shackles are extra & optional.
- Available in box mount and panel mount versions.
- Capacities up to 25,000 lbs. or metric equivalent.
- Available in English, Metric or SI Metric and in dual scale configurations.

To Order Specify

- Capacity of System
- Scale Required (lbs., kg or kN)
- Panel or Box Mount
- Length of Hose (standard is 15 ft)



Joint Torque Series

Features

- Joint Torque systems are designed to indicate accurate torque for a specific make and model of power tong.
- Ensures uniform and proper critical makeup or break-out torque on each joint when running pipe or casing with power tong.
- System comprised of 6" fluid filled gauge, 5 ft hose assembly and either tension or compression load cell.
- Gauge bracket and shackles are extra & optional.
- Available in box mount and panel mount versions.
- Capacities up to 120,000 ft.lbs or metric equivalent.
- Available in English, Metric or SI Metric and dual scale configurations.

To Order Specify

- Capacity of System
- Scale Required (ft.lbs, kg/m or Nm)
- Handle Length
- Type (tension or compression) and Size Load Cell
- Panel or Box Mount
- Length of Hose (standard is 5 ft)



Mechanical Rotary Torque System

Features

- Rotary torque systems provide reliable and sensitive relative rotary torque indication for rigs with a chain drive powered rotary table.
- They are designed to help the driller during coring, milling, and reaming operations.
- The system also helps avoid potential twist-offs, bit troubles, formation changes, locked cones on the bit, gauge loss or out of gauge holes and increases bit life by showing the driller when the drill string is torquing to unsafe levels.
- System is comprised of 6" fluid filled gauge, 2 ft and 15 ft hose assembly with disconnects, and idler assembly with wheel or sprocket.
- Gauge bracket is extra and optional.
- Available in box and panel mount versions.
- Capacities are measured in points and are a relative indication of torque.
- Idler wheels are available for single chain 1-1/2 through 4.063" and double chain 1-1/2 through 3.125".

To Order Specify

- Chain Model/Pitch or Wheel
- Single or Double Wheel
- Rubber Wheel or Sprocket
- 500- or 1000-Point Gauge
- Panel or Box Mount
- Length of Hose (standard is 2 ft & 15 ft)



Mechanical & Digital Torque Indicator

Features

- Mechanical & Digital Torque Indicators are designed for use in the installation of screw anchors or piles in soils.
- System provides positive indication of anchor holding capacity in any soil type.
- The torque indicator is installed between a kelly bar adapter and anchor drive tool or locking dog assembly.
- Unit is sealed for water resistance.
- Unit can withstand drops from up to 6 ft.
- Analog dial in mechanical version and 4-digit LCD screen in digital version.
- Digital version also offers auto power-off after 15 minutes if torque load remains unchanged and can be ordered with a wireless display.
- Torque capacity up to 30,000 ft.lbs.

To Order Specify

- Mechanical or Digital Indicator
- Size of Kelly Bar Adapter
- Size of Locking Dog Assembly



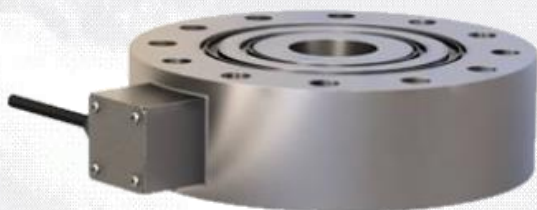
Electronic Load Cells & Sensors

Features

- Depending on the application and its capacity, we can supply all kinds of sensors such as pressure transmitters (small npt connection or 1502 hammer union connection), load cells (clamp on, tension (pull), compression (push), load pins, dynamometers, etc.

To Order Specify

- Call us at (780) 416-5263 or visit us at www.kaneinstrumentation.com



Torquemaster

Features

- Torquemaster systems are designed to give a definite and set torque value to each pipe or tubing joint eliminating under or over loading.
- Unit is set up with a tension load cell for use on drilling or workover rigs.
- The system can be ordered with a Class I Div 1 explosion proof box or non-classified metal box.
- System comes complete with specified box and dump valve assembly.
- Optional items are hose assembly, tension load cell, 6" fluid filled torque gauge and dump valve hoses.
- Set up can be configured with single or dual torque settings.

To Order Specify

- Explosion or Non-explosion Box
- Size of Dump Valve Fittings
- Single or Dual Torque Settings
- Options:
 - Length of Hose
 - Size of Load Cell
 - 6" Gauge & Capacity
 - Length of Dump Valve Hoses



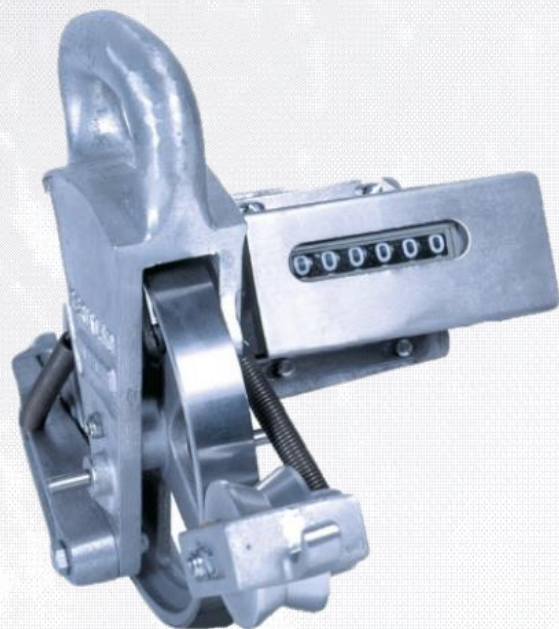
Mechanical Depthometer

Features

- Mechanical Depthometers are built to last, with either bronzed busing or ball bearings on the rollers for extended life.
- Better still, the standard indicator features an easy-to-read counter display.
- Optional extra-large counter display can even be specified for greater visibility.
- With a highly dependable mechanical odometer, the Depthometer provides a continuous depth reading to a maximum of 99,999.9 feet, or with a metric readout to a maximum of 99,999.9.
- These Depthometers will handle wire line sizes from 7/16" to 1" OD.
- Designed and constructed to perform reliably and economically.

To Order Specify

- Measurement Unit in English or Metric
- Ball Bearing or Bronzed Bushing Rollers
- Options:
 - Poly-carbonate Case
 - Stand Mount
 - Large Counter Display



Coil Tubing Depthometer

Features

- Coil Tubing Depthometer is the bigger and stronger version of regular Mechanical Depthometer.
- Standard counter features an easy-to-read display.
- Optional extra-large counter display can even be specified for greater visibility.
- With a highly dependable mechanical odometer, the Coil Tubing Depthometer provides a continuous tubing reading to a maximum of 99,999.9 feet, or with a metric readout to a maximum of 99,999.9.
- These Coil Tubing Depthometers will handle tubing sizes from 1" to 1.625" OD.

To Order Specify

- Measurement Unit in English or Metric
- Ball Bearing or Bronzed Bushing Rollers
- Options:
 - Poly-carbonate Case
 - Stand Mount
 - Large Counter Display



Dephometer With Encoder

Features

- Mechanical Dephometers w/Encoder are designed to not only measure depth but also give the capacity to remotely hook up to an electronic digital display.
- Built to last, they can be ordered with either bronzed busing or ball bearings on the rollers for extended life.
- Standard indicator features an easy-to-read counter display.
- Optional extra-large counter display can even be specified for greater visibility.
- With a highly dependable mechanical odometer, the Dephometer provides a continuous depth reading to a maximum of 99,999.9 feet, or with a metric readout to a maximum of 99,999.9.
- These Dephometers will handle wire line sizes from 7/16" to 1" OD.
- Designed and constructed to perform reliably and economically.

To Order Specify

- Measurement Unit in English or Metric
- Ball Bearing or Bronzed Bushing Rollers
- Options:
 - Digital Display
 - Length of Cables (signal & power)
 - AC to DC Power Supply
 - Poly-carbonate Case
 - Stand Mount
 - Large Counter Display



Electronic Depth System

Features

- Electronic Depth Systems measure both depth and rate allowing the operator crucial information.
- 2 digital displays with red LED's offer great visual sight even in bright light or evening operations.
- Units are pre-programmed but can be easily adjusted even in the field.
- System comes complete in a poly-carbonate box with sight lens, power & signal cables and either encoder or proximity switches.
- Available to order with hazardous location encoder as well.

To Order Specify

- Encoder or Proximity Switches
- Standard or Hazardous Location
- Length of Cables (standard is 25 ft power & 75 ft signal)



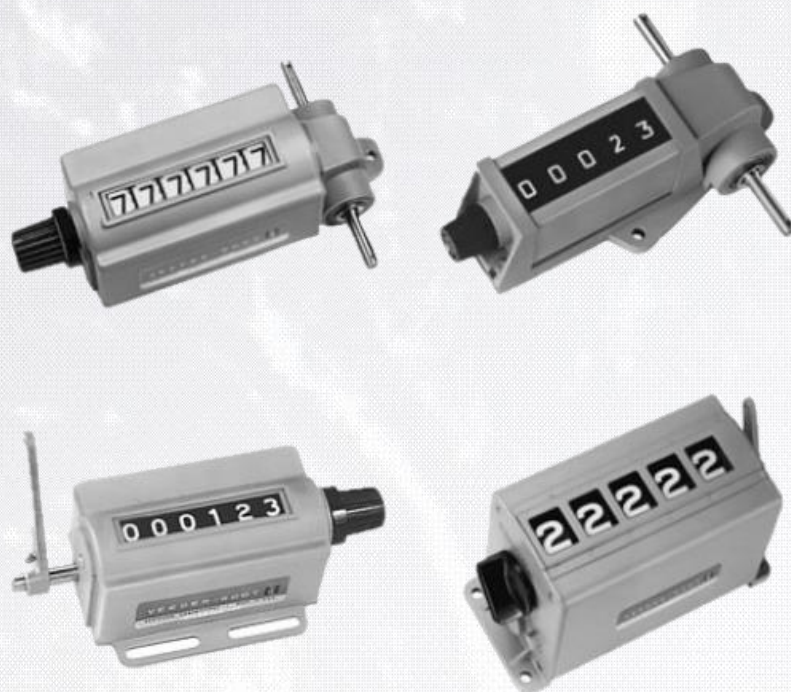
Mechanical & Digital Counters

Features

- Mechanical and electronic digital counters are available to suit every need and purpose.
- Multi-directional counters and right-angle drive are just some of the mechanical counters available.
- Digital display counters and rate meters are a few of the electronic versions.

To Order Specify

- Mechanical or Electronic
- Type of Application



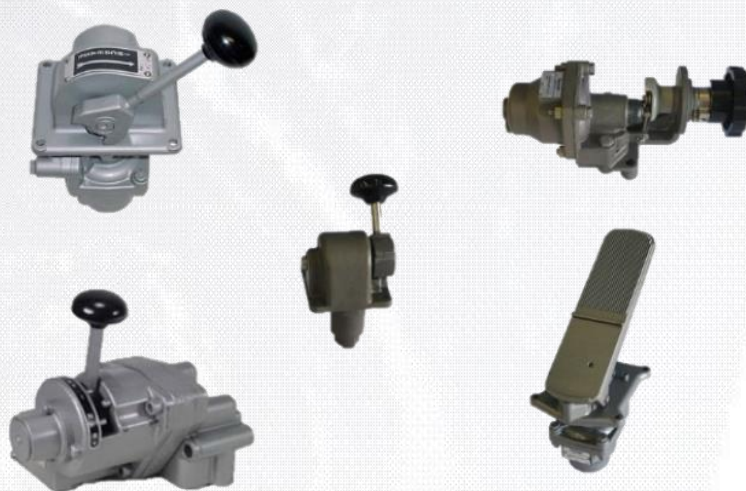
Rexroth Controls

Features

- Rexroth Controlaire Valves are pneumatic pressure regulating, directional valves.
- Coming in hand, foot or mechanically operated, these valves control both pressure and flow of air.
- These valves can control functions in one air circuit or two and/or three separate and independent air circuits or branches of the same circuit.
- The position of the operator pedal, cam or knob determines the air pressure delivered by the valve.
- Changing operator positions changes delivery pressure.
- Once the operator's position is set, the Rexroth valve maintains the delivery pressure for that position automatically.
- Crown Saver toggles are a safety device installed on a draw works drum to control the distance a travelling block may be pulled into the derrick eliminating the possibility of the block be pulled into the crown.

To Order Specify

- Type of Application
- Hand, Foot or Mechanically Operated
- Maximum Air Pressure



Versa Valves

Features

- Versa valves are designed for pneumatic and low pressure hydraulic directional control.
- They are available with solenoid, manual and pilot actuators.
- They also have available unique features such as lockout, latching manual reset and redundant coils.
- Versa's valve construction allows the valve bodies and actuating devices to be interchanged end for end and valve for valve.
- Units are designed for control of pneumatic pressures from partial vacuum to 200 psi and hydraulic pressure up to 100 psi.
- Available in two-way, three-way, four way, multipurpose, 2/2, 3/2, 3/3, 5/2 or 5/3.
- Port sizes from 1/8" to 1-1/4" NPT and either side ported or manual mounted.
- Actuation in solenoid pilot, remote pilot, manual or mechanical.

To Order Specify

- Type of Application
- Maximum Pressure
- Function
- Port Size
- Style
- Actuation



Humphrey Valves

Features

- Humphrey valves feature quick-exhaust, shuttle and check valve operation of air flow.
- Quick-exhaust valves re-direct exhaust or expulsion of compressed air to high flow third port.
- Commonly used to enhance performance of air cylinders and actuators with control of the exhausting air.
- Port sizes from 1/8" to 3/4" NPT.
- Shuttle valves allow compressed air to flow through it from one of two sources.
- Ordinarily used in the control of a function from more than one location or introducing more than one compatible media.
- Port sizes 10-32 UNF and 1/8" NPT.
- Check valves allow compressed air flow in one direction and close to prevent backward flow.
- Typically used where back flow is not permitted or must be redirected.
- Port sizes 10-32 UNF and 1/8" NPT.

To Order Specify

- Type of Application
- Port Size



Air Compressors

Features

- Air compressors come in reciprocating piston or rotary screw type design for reliable performance in demanding applications.
- Reciprocating air compressors are a positive displacement compressor that use a crankshaft driven piston and cylinder to compress the air.
- Rotary screw air compressors operate by trapping air between two meshed rotors and reducing the volume of that trapped air as it moves down through the rotors.
- Available from quality manufacturers such as Quincy, Champion, Ingersoll Rand and Denair just to name a few.

To Order Specify

- Reciprocating Piston or Rotary Screw
- HP Required
- Maximum Pressure
- CFM Required
- Brand



Electronic (Sandline) Counter System

Features

- The Kane Electronic (Sandline) Depth System offers an extremely accurate measurement of down hole depth in a simple device.
- The system can be run on two different concepts either with proximity switches or an encoder and a display.
- It is an ideal unit for sand line, tubing, or swabbing applications.
- Units are pre-programmed but can be easily adjusted even in the field.
- System comes complete in a poly-carbonate box, power & signal cables and either encoder or proximity switches.

To Order Specify

- Encoder or Proximity Switches
- Distance from Sensor to Counter Box
- Number of Sections (Masts)
- Number of Targets (minimum is 4 – can be ordered if no targets/sprockets available)
- Length of Power Cable (standard is 25 ft)



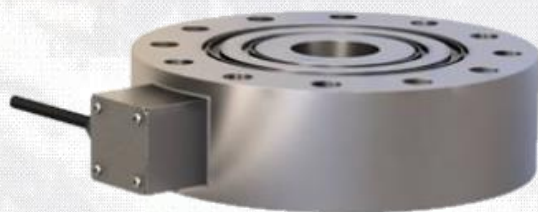
Electronic Load Cells & Sensors

Features

- Depending on the application and its capacity, we can supply all kinds of sensors such as pressure transmitters (small npt connection or 1502 hammer union connection), load cells (clamp on, tension (pull), compression (push), load pins, dynamometers, etc.

To Order Specify

- Maximum Load
- Length of Pigtail



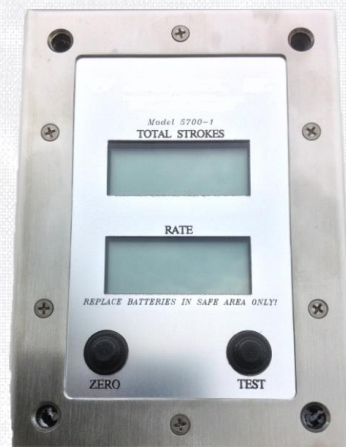
Battery Operated Pump Stroke Counter

Features

- HS 84139190
- Pump stroke counter systems measure the stroke rate and number of strokes on mud pumps.
- The oilfield pump stroke system is user-friendly and reliable and is configurable to measure up to three mud pumps at once.
- Each mud pump's stroke rate can be selected individually, and the display is updated regularly for accurate monitoring.
- LCD displays indicate both pumps' strokes per minute and the total number of strokes.
- Located at the bottom of the panel, push buttons provide easy operation and re-setting of each pump.
- Specialty counters also available to display barrels, liters or gallons per minute.
- System includes a cable assembly, digital pump stroke counter, and limit switch with mounting clamp.
- Intrinsically Safe Design (Class 1, Division 1, Group A, B, C and D)
- Switch Voltage <7vdc, Switch Current .7ma
- ECCN #EAR99, Schedule B #9029.10.8000

To Order Specify

- Number of Pumps to be Monitored
- Type of Counter (strokes, barrels, liters or gallons)
- Length of Cables



Flow Meter

Features

- Fluid entering the meter first passes through an inlet flow straightener that reduces its turbulent flow pattern.
- Fluid then passes through the turbine, causing the turbine to rotate at a speed proportional to fluid velocity.
- As each turbine blade passes through the magnetic field generated by the meter's magnetic pick-up, an AC voltage pulse is generated.
- These pulses provide an output frequency that is proportional to volumetric flow.

To Order Specify

- Type of Liquid
- Maximum Flow Rate
- Maximum Working Pressure
- Size and Type of Connection



Electronic Gauges

Features

- The electronic gauges (Indicators) come in a variety of different formats and sizes to suit your needs eg: 6" or 8-1/2".
- They can be read in weight, pressure, flow, RPM, SPM, etc. with the appropriate dial.
- The gauges can also be used in conjunction with a digital display, either built in or separate.
- These units operate in temperatures from -40°C to 85°C.
- They can be ordered in either backlit or standard and approved with Class I Div I (in few models) and Class I Div II (all models).

To Order Specify

- Type of Gauge
- Capacity of Indicator
- Input Signal
- Options:
 - Basic, Backlit and/or Digital Display
 - Sensor or Load Cell
 - Length of Signal Cable (gauge to sensor or load cell)
 - Length of Power Cable (standard is 25 ft)
 - AC to DC Power Supply (if required)



Electronic Pressure Systems

Features

- Electronic pressure systems are ideal for maintenance free operation and higher safety since there is no line pressure between the sensor and the gauge.
- These units operate in temperatures from -40°C to 85°C thus reducing weather factors when in use.
- The gauges can also be used in conjunction with a digital display, either built in, or separate.
- They can be ordered in either backlit or standard and approved with Class I Div I (in few models) and Class I Div II (all models).

To Order Specify

- Capacity of System
- Scale Required (psi, kPa, MPa or other)
- Options:
 - Basic, backlit and/or digital display
 - Length of Signal Cable (gauge to transducer)
 - Length of Power Cable (standard is 25 ft)
 - AC to DC Power Supply (if required)



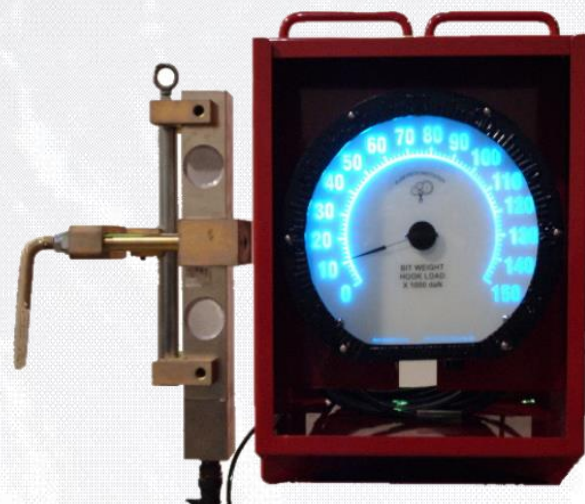
Electronic Clipper/Deflection Weight Indicator

Features

- The large 12" Electronic Clipper/Deflection weight indicator is used to monitor total hook load when it receives a signal from a load cell (e.g.: deflection load cell).
- Normally system capacity single line load is 0 to 40,000 lbs. or 0 to 17,000 daN.
- Electronic Clipper/Deflection type load cell may be used on wire line sizes from 3/4" to 1-1/4".
- The system comes with self-contained steel box.
- Comes with 25 ft power & signal cable assembly and deflection type load cell with clamp.
- Available in English, Metric or SI Metric.

To Order Specify

- Single Line Load Capacity
- Line Size and Number of Lines (eg: 4 Lines 7/8")
- Scale Required (lbs., kgs or daN)
- Options:
 - Basic, Backlit and/or Digital Display
 - Length of Signal Cable (gauge to load cell – standard is 25 ft)
 - Length of Power Cable (standard is 25 ft)
 - AC to DC Power Supply (if required)



Joy Sticks

Features

- Joysticks detect the direction in which you are holding the stick and used to control devices for precisely operating machinery.
- Single-axis joysticks are a rugged switching device for electro-hydraulic applications.
- Multi-axis joysticks are a robust switching device for crane and hoisting applications.
- The modular design enables the switching device to be used universally.
- They are resistant to oil, maritime climate, ozone and UV radiation.
- The palm grip has different equipment options for many requirements.
- It is compatible with multi-axis controllers or mounted on hydraulic drives.
- Operation temperature -40°C to $+60^{\circ}\text{C}$.

To Order Specify

- Single or Multi-Axis
- Type of Application
- Palm Grip (if required) & Features



Dynamometers

Features

- The most well-known brand of dynamometers is Dillon. The instruments are transportable, pre-calibrated at the factory, and functional right out of the box.
- Only Dillon provides both mechanical and electrical variants, and each has a wide selection of designs and capabilities.
- Includes a calibration certificate
- With just one primary operational function, ZERO, dynamometers, load cells, and load connections are easy to use.

To Order Specify

- Electronic or mechanical
- Scale Range
- Crane Scale or Dynamometer
- Box



Wireline Weight Indicator

Features

- Large 6" Fluid filled gauge with dial faces available in pounds, kilograms or decanewtons.
- Includes hydraulic hose, and custom-sized tension load cell.
- Damper system is user-friendly and allows for the measurement of even the smallest of changes.
- Calibration certificates are sent with the system.
- Available in the following capacities: 1000, 2000, 3000, 4000, 5000, 6000, and 10,000 pounds. Additional configurations available upon request

To Order Specify

- System capacity
- Dial reading: English, Metric or SI Metric
- Hose length



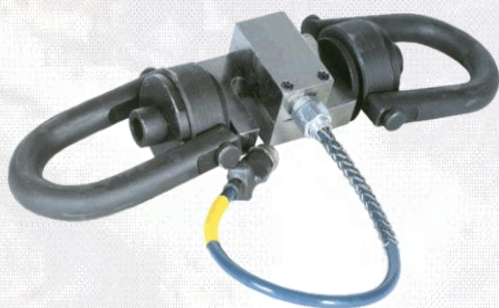
Electronic Load Cells & Sensors

Features

- Depending on the application and its capacity, we can supply all kinds of sensors such as the s-link load cell.
- A s-link load cell get its name from its S shape.
- S-Link force sensors can provide an output if under tension or compression.
- They provide superior side load rejection.

To Order Specify

- Maximum Load
- Length of Pigtail



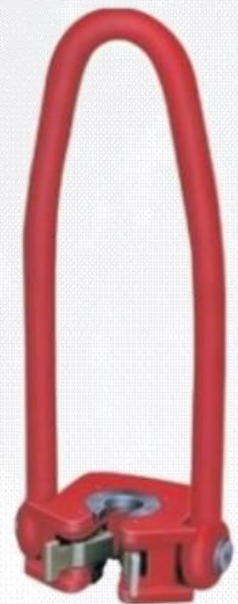
Rod Elevator

Features

- Sucker rod sizes 5/8" (15.88mm) through 1-1/8" (28.58mm) may be handled safely and efficiently. Can also work with hollow sucker rod and tubing.
- Intended to prevent sucker rods from bending or kinking even under extreme weights.
- Reversible body

To Order Specify

- Make and size of rod or tubing



Rod Hook

Features

- Sucker rod handling equipment for any depth and operating.
- Sucker rod hooks are available in two sizes, 20- and 35-ton capacities, and are designed to stringent quality requirements. Heat treated high strength steel that has been appropriately machined.
- Designed for 25 Ton and 35 Ton load ratings.
- Options of either short and long models
- Elevator bail can hook in without the operator releasing the latch, and it will remain secure until released.

To Order Specify

- Size
- Short or long model



Tubing Spider

Features

- Tubing spiders have shown to be an excellent tool for the safe, cost-effective, and trouble-free handling of tubular items, and can handle a wide range of tube sizes.
- Tubing spiders are pneumatic or hydraulic spiders with slips that can accommodate tube widths ranging from 1.315" to 5-1/2".
- They are available in 83 Ton and 125 Ton versions

To Order Specify

- Size (version)



Tubing Elevator

Features

- Superior design center-latch elevators for handling collar-type drill pipe, casing and tubing.
- All TA elevators are built in two pieces that are roughly the same weight, allowing for perfect balance and simpler opening and shutting.

To Order Specify

- OD of tubular (Pipe)
- Type of tubular (drill pipe; casing; tubing)
- Plain or upset
- Ton load requirement (35;65;100;150)



Bail Link Set

Features

- Bail Links are used to hang elevators.
- Size Ranges covered:
- Rated capacity:
- Types Offered:
- Repair kits in stock

To Order Specify



Clevis

Features

- A Clevis is used to loosely join parts by means of a bolt or pin passing through the ends of the connector.
- Size Ranges covered:
- Rated capacity:
- Types Offered:
- Repair kits in stock

To Order Specify



Bulldog Lifting Clamp

Features

- The Bulldog Clamp enables oil rig workers to efficiently and securely handle tubulars, facilitating quick and safe pick-up and lay-down operations.
- The innovative Bulldog Clamp uses a cam mechanism to efficiently close and firmly lock the clamp around the pipe. With the help of a safety lock, the clamp is kept shut even while the lifting line is not under tension. By pushing the lever on the safety lock, the clamp may be quickly removed when the winch line is slack.

To Order Specify

- Size
 - Available in:
 - 4- 1/2 in.
 - 3- 1/2 in.
 - 2- 7/8 in.
 - 2- 3/8 in.

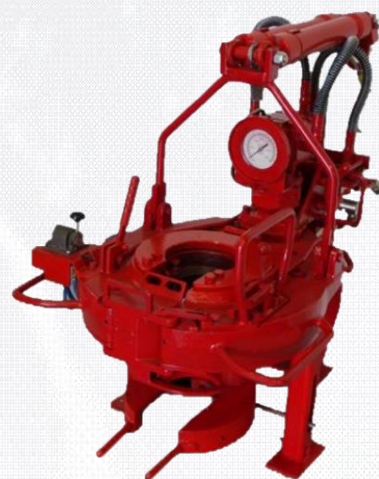


Tubing Tongs

Features

- Tongs are used to grip drill string components and apply torque.
- Size Ranges covered:
- Rated capacity:
- Types Offered:
- Repair kits in stock

To Order Specify



Rod Transfer

Features

- Rod Transfers enable rig workers to easily transfer pulled sucker rods to and from the racking platform.
- Size Ranges covered:
- Rated capacity:
- Types Offered:
- Repair kits in stock

To Order Specify



Cement Recorder

Features

- There are two versions of cement recorders available.
- Truck mounted units are usually mounted directly on pump or service trucks.
- Portable units are freestanding and can easily be transported in a pickup truck.
- All recorders have 24-hour wind, 4-hour rotation chart drives with a start/stop mechanism and come in either single or dual pens.
- Single pen recorders measure one input while dual pen recorders can measure two pressure inputs at one time.
- These units are ideal for analyzing cementing, acidizing, fracturing, or just testing equipment.

To Order Specify

- Capacity of System
- English, Metric or Other
- Single or Dual Pen
- Portable or Truck Mount



Chart Recorder

Features

- Chart recorders are a versatile and rugged instrument designed for general temperature and pressure applications.
- They record monitored temperature and pressure on either a 12" or 8" diameter chart.
- Up to four elements may be used in any combination to operate up to four individual recording pens.
- Elements are available for measuring pressures ranging from 30 in. of vacuum (mercury) to 30,000 psi.
- A variety of chart drives are available.
- Both electrical and spring-wound chart drives fit a wide variety of chart speeds and time intervals that reduce maintenance time.
- Explosion-proof electrical chart drives are available.

To Order Specify

- Capacity of System (Pressure)
- Capacity of Other Elements (Temperature)
- Scale Required
- Number of Pens
- Chart Drive Required
- Standard or Explosion Proof Chart Drive (for electric chart drives)



Chart & Pens

Features

- We have a variety of different charts, pens and chart drives to meet your every need.
- Whether it's measuring temperature, pressure or just doing simple testing, charts and markers perfectly complement diverse applications and conditions to ensure accurate recording and preservation of critical data.

To Order Specify

- Specify Charts, Pens, Drives (or any combination)
- Scale Required
- Color of Pen
- Wind Up or Electric Chart Drive
- Number of Hours to Test



Self Retracting Lifelines

Features

- Available in 23 ft length.
- Decades of field service have shown self-retracting lifeline systems to be dependable and trustworthy.
- Once anchored, they extend and retract automatically, letting users move comfortably within an area while keeping lifeline tension.
- Should a fall occur, a speed-sensing brake activates, arresting the fall.
- Various styles, configurations and lengths are available to suit almost any need.
- Available in 20 ft to 175 ft lengths.
- Supplied manufactures include DBI Sala, Miller, MSA and North.
- Load Limiters connect in line between the suspended worker and the winch line.
- If the worker becomes entangled, the deployment of a bright yellow cable cues the crane operator to stop.
- When the Load Limiter deploys, it limits loads to reduce the possibility of severe injury.
- Following the activation, the device automatically resets.
- Supplied manufacturer is DBI Sala.

To Order Specify

- Type of Unit (SRL, Retriever, Limiter)
- Length of Device
- Galvanized or Stainless-Steel Cable
- Standard or Sealed Block



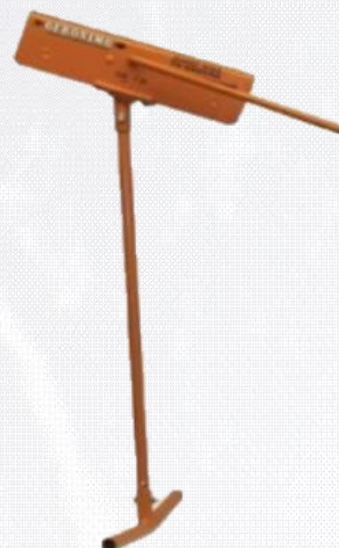
Escape Slides

Features

- The Geronimo safety slide is designed to operate safely and dependably under all weather conditions.
- The original Geronimo oil rig escape device is the proven escape mechanism for derricks that has been tested by use on thousands of wells all over the world.
- Geronimo is the quickest, safest, escape seat for derrick, tower or construction job.
- Grasp brake with right hand and straddle T-Bar.
- Push brake away from body to release brake.
- Finger-tip pressure will break the Geronimo at any height.

To Order Specify

- Geronimo Safety Slide Complete
- Latch Pin (Extra/Replacement)
- Seat and Extension Assembly (Extra/Replacement)
- DVD safety film



Battery Operated Pump Stroke Counter

Features

- Pump stroke counter systems measure the stroke rate and number of strokes on mud pumps.
- The oilfield pump stroke system is user-friendly and reliable and is configurable to measure up to three mud pumps at once.
- Each mud pumps' stroke rate can be selected individually, and the display is updated regularly for accurate monitoring.
- LCD displays indicate both pumps' strokes per minute and the total number of strokes.
- Located at the bottom of the panel, push buttons provide easy operation and resetting of each pump.
- System includes a cable assembly, digital pump stroke counter, and limit switch with mounting clamp.
- Intrinsically Safe Design (Class 1, Division 1, Group A, B, C and D).
- Switch Voltage <7vdc, Switch Current .7ma
- ECCN #EAR99, Schedule B #9029.10.8000
- HS 84139190

To Order Specify

- Number of Pumps to be Monitored
- Type of Counter (strokes, barrels, liters or gallons)
- Length of Cables



Electronic Pump Stroke Counter

Features

- Pump stroke counter systems measure the stroke rate and number of strokes on mud pumps.
- The oilfield pump stroke system is user-friendly and reliable and is configurable to measure a single mud pump.
- The mud pump's stroke rate can be selected by toggling the display and is updated regularly for accurate monitoring.
- LED display indicates either pumps strokes per minute or the total number of strokes.
- Located on the display panel, push buttons provide easy operation and resetting of the pump.
- System includes a cable assembly, digital pump stroke counter, and proximity switch or limit switch with mounting clamp.

To Order Specify

- Type of Switch
- Length of Cables
- Bracket & Target (if required)



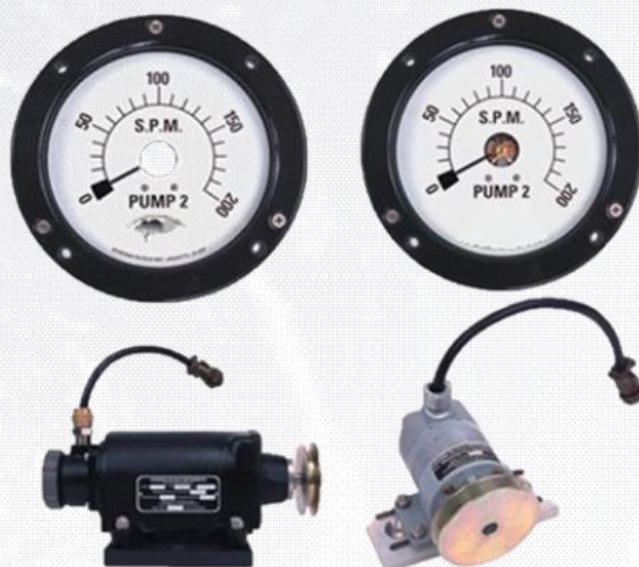
RPM & SPM Systems

Features

- RPM indicators provide an accurate indication of rotary speed.
- They help the driller select the optimum speed for faster penetration.
- The generator can be directly coupled to any shaft turning in direct proportion to the rotary table or v-belt driven.
- Available in capacities from 100 to 1000 RPM.
- SPM indicators measure pump speed indicate if there is pump or hole trouble.
- The system is self powered by a generator and these generators have explosion proof ratings.
- No batteries or outside power is required.
- The generators can be easily mounted with direct connection to the pump pinion shaft, piston rod oiler or an idler wheel to the v-belt driving the oiler.
- Available in capacities from 100 to 500 SPM.
- Both the RPM & SPM indicators can be ordered in box or panel mount applications.

To Order Specify

- Type of Indicator (RPM or SPM)
- Capacity of System
- AC or DC Generator
- Length of Cables



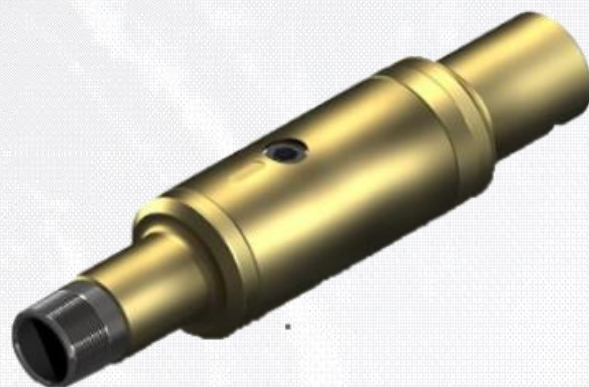
Safety Valve

Features

- Safety valves are used to prevent fluid loss and as a protection against well pressure fluctuations.
- The valve acts as a fail safe to prevent the uncontrolled release of reservoir fluids.
- Positive sealing in both directions.
- H₂S corrosion resistant meeting NACE requirements.
- Available with a wide variety of sizes and end connections.
- Operating wrench and thread protectors included.

To Order Specify

- Size & Type of Connection
- Maximum Pressure
- Saver Sub (if required)



Pressure Relief Valve

Features

- Pressure Relief Valves are often installed on the body cavity of ball and gate valves to relieve thermal over pressure in liquid services.
- They are a quick-acting, spring-loaded valve that opens to relieve pressure when the pressure exceeds the spring setting.
- The Pressure Relief Valves utilizes shear pins to relieve over pressure during drilling and other operations.
- Hardened stainless steel stems and stainless-steel liner subs provide improved corrosion resistance resulting in higher reliability and longer valve life.
- Replacing shear pins is fast and easy simply by removing the safety cover.
- Available in 2 inch low, standard, and high pressure, as well as 3-inch-high pressure models.

To Order Specify

- Stem Size
- Pressure Range
- Type of Service
- Connection Type



Cable Cutter

Features

- Manual Cable Cutters are self-contained
- hydraulic units that are precision engineered
- tools designed to give a clean cut with minimum effort.
- Simply pump the handle (no outside power is required).
- Cable Cutters are easily carried and are used by contractors, rigging lofts and elevator repairmen.
- These units are recommended by wire rope manufacturers worldwide.
- Models can operate under water (with slight modification).
- Available in 3/4", 1-1/8" & 1-3/4" capacity.
- Impact Cutters are also available as a less expensive alternative and are used by striking with a hammer.
- These units come in 3/4", 1-1/16" & 1-1/2" capacities.

To Order Specify

- Manual or Impact Cutter
- Capacity of Line



Pressure Test Console

Features

- Pressure Test Consoles are custom made by Kane for any application needed such as hose or line testing.

To Order Specify

- Call us at (780) 416-5263 or visit us at www.kaneinstrumentation.com



Pressure Washer

Features

- Pressure Washers (pressure washing) is the use of high-pressure water spray to remove loose paint, mold, grime, dust, mud, and dirt from surfaces and objects such as buildings, vehicles and concrete surfaces.
- The volume of a mechanical Pressure Washer is expressed in gallons or liters per minute, often designed into the pump and not variable.
- The pressure, expressed in pounds per square inch, is designed into the pump but can be varied by adjusting the unloader valve.
- Machines can produce pressures from 750 psi to 5,000 psi or more (other options are available).

To Order Specify

- Gas/Diesel or Electric
- Stationary or Mobile
- Burner (if required)
- Capacity of System



Oil Saver Pump

Features

- Oil Saver Pumps are a single piston pump specially designed and manufactured for use in wire-line oil saver applications on oil rigs.
- These pumps include a pressure release valve controlled with an easy access metal release knob.
- These units are solid, heavy-duty manual pumps and have a built-in oil reservoir.

To Order Specify

- Vertical or Horizontal Oil Reservoir



Type HD Oil Saver

Features

- Hydraulic Oil Savers strip fluids from the wireline, cut costs by saving valuable oil, and promote safety by minimizing danger of explosion or fire at the well site.
- Oil Savers are available in several types to meet every stripping requirement.
- Hydraulic Oil Savers use a special oil, gas, and abrasion resistant, one-piece rubber for efficient, low-cost oil removal.
- Type HD Oil Savers come with either a brass body or stainless-steel body and offer double line stripping.
- The Type HD has a longer body than the Type H and has two complete sets of stripper rubbers and brass bushings.
- It has a 1" NPT drain connection between the rubbers and is rated at 1500 psi working pressure.

To Order Specify

- Type of Oil Saver
- Line Connection Size



Air Starter

Features

- Air starters are flexible, efficient alternatives to electric sources.
- They create sheer power from the natural environment, and are perfect for a wide range of industrial, oil and gas, marine, power generation, rail, and mining applications.
- Pneumatic air starters can replace any factory mounted starter engine and simultaneously offer a variety of helpful benefits.
- Compared to conventional electric starters, a pneumatic air starter occupies considerably less space as it is run by air.
- Pneumatic air starters are also considered safer in hazardous environments as they do not produce electrical sparks like electric starters sometimes do, thus eliminating the risk of igniting flammable materials that may be present.
- Air starters have significantly more torque than electric starters of equivalent size, and that allows even a small air starter to start very large engines and turbines.

To Order Specify

- HP Required
- Gear Ratio
- Left- or Right-Hand Rotation



Gate Valve

Features

- Gate Valves are a type of valve that incorporates a sliding gate to block fluid flow.
- Hydraulic Gate Valves control downstream pressure and volume during flowback and well testing.
- They provide open and close features for simple oil and gas production.
- For cold weather conditions, Gate Valves are carefully designed to withstand the climate change.

To Order Specify

- Line Connection Size
- Type of Service
- Maximum Working Pressure



Trash Pumps

Features

- Trash Pumps are specially designed to clear out areas where unwanted water and debris accumulate.
- Because of their heavy-duty design and portability, these machines can be used in a variety of settings.
- Construction sites, industrial environments, mining, flood control, agricultural clearing, oil and gas production, and pulp and paper production are all places where a water trash pump can come in handy.
- These machines are built to provide maximum discharge flow and pressure, with large inlets for debris absorption and lots of horsepower.
- They can run off of AC, DC, gas, diesel, compressed air or solar power.

To Order Specify

- Maximum Discharge Flow
- Maximum Discharge Pressure
- Inlet Size
- Discharge Size
- Horsepower
- Power Source



Vacuum Pump

Features

- Vacuum Pumps are oil lubricated rotary vane air pumps producing rough vacuum or high volume low pressure air for both continuous duty or intermittent cycle.
- Vacuum Pumps incorporate extra-wide vanes that allow up to an inch of wear, designed for longer service life and lower maintenance costs.
- Options include air, liquid or dual cooling systems where air injection is combined with liquid cooling.
- A pump-flushing port is included on the top valve for convenient routine maintenance.
- The quick-access housing end plate allows for easy internal inspection with no bearings to pull.
- Oil lubrication is via a mechanical piston pump driven by shaft rotation or available with a sight-feed valve oil regulator system using vacuum/pressure to draw oil with no moving parts.

To Order Specify

- CFM Rating
- Brake Horsepower
- Engine Horsepower
- Shaft Size



Junction Boxes

Features

- A junction box acts as a crucial intermediary between the tubular connection equipment and the WINCATT system, fulfilling various roles, including converting hydraulic pressure output from load cells into electronic signals for hydraulic load cells, conditioning electronic signals for electronic load cells and turn counter encoder, and amplifying outputs from the WINCATT system to the tubular connection equipment.

To Order Specify

- Hydraulic or Electronic load cell



Ram Saver

Features

- BOP Ram Saver boxes are used as a preventative device for the BOP ram.
- A light and horn are activated when the rams are closed.
- This prevents the user from engaging the draw works when the BOP rams are closed.

To Order Specify

- All in One Box or Remote Light & Horn
- Single or Dual Horn
- Steady or Flashing Light

