An Introduction to Elmar WPCE



The world's most reliable and durable wireline pressure control equipment.

Our focused approach to engineering and manufacturing results in reliable, easy-to-operate equipment that keeps your teams safe on the wellsite, extends the life of your assets, and reduces your operating costs.

Innovation and quality come built in to all our equipment, all the way from our lightweight 10,000-psi 3-in. slickline sets to the industry's first 30,000-psi wireline pressure control equipment.

Extensively tested, field proven, and certified, Elmar™ wireline pressure control equipment comes with reliability as a standard.

Additional Products

Pump-in Sub

• Liquid seal slickline control head

Wellhead Adapter Flange

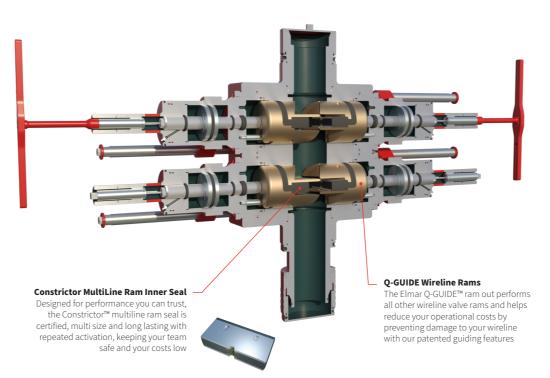
- · Venting/glycol injection valve
- Chemical injection sub
- Cable cutter sub.
- Hydraulic QuickLatch

- Variable length lubricator Bleed-off sub
- Turnaround sheave
- · Safety flow diverter
- · Pressure testing accessories

Quick Test Sub

Tool Trap

- Ouick union test cap
- Test plug and collar
- Lifting bails
- Test rods



Wireline Valve

Our wireline valve gives positive barrier protection during well service operations, providing sealing and/or shearing functions when running slickline, braided wireline, or electric line

- Configuration: Single, dual, triple, and quad
- Grease injection, glycol injection, equalization and pressure monitoring
- Q-Guide wireline ram—positive centralization of cable
- Line specific or Constrictor multiline
- Easily inverted when changing between slickline and wireline
- Shear seal
- Corrosion resistant coating solutions
- Compact
- Lightweight
- Manual

Grease Injection Control Head

- Pressure balanced hydraulic cylinders to reduce volume and closing times
- NORSOK and API 16A certification options

NOV Value Added

















Product Overview:

• 3 to 9-in ID

Slick Cable Pack-off

- 3,000 to 15,000 psi
- Bespoke 20,000-psi systems
- The world's only 30,000-psi system
- Full material traceability and 3rd-party independent approval covering API 6A, and NACE (for H2S)
- Industry standard quick unions and API flange connections
- Artic, extreme cold weather certified
- High temperature and geothermal applications

Enviro Dual Pack-off

- Purchase and rental options
- Aftermarket—spares, service, and recertification support globally

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Maximize the usage of your WPCE assets with our wellhead adapter flanges. These allow you to safely connect your existing WPCE to multiple different wellheads. Our flanges are manufactured and certified to the same strict standards as all our WPCE, meaning you can guarantee the integrity of your complete rig-up. • API 6A flange connections to industry standard connections • API 6A monogrammed adapter spools, spacer spools, blind and test flanges available • Ring groove inlays	Our compact low height pumpin-sub (PIS) is a versatile addition to your WPCE rig up. It provides a large bore inlet through which various fluids can be pumped, for operations such as well control, inhibitor pumping, fluid sampling, and bleed-down and equalization. • Side outlet options - BX152, Proprietary Elmar flange, integral 1502 • Plug and gate valve supply • Position below or above the wireline valve	Reducing non-productive time using the Elmar Quick Test Sub will give operational cost savings as well as integrity of your well pressure string throughout operations. Save time on multiple wireline runs Reduce contamination of the well with test fluids Eliminates risk of pressure testing with perforating guns Test plug / lifting bail for middle working connection	Prevent the cost and inconvenience of losing wireline tools downhole with an Elmar tool trap. Single or dual flapper Pressure balanced flapper shaft ensuring fast closure of the trap Positive tool passage indicator Remote hydraulic operation. Can be operated manually	Our lightweight wireline lubricators for easy handling or where lifting capacity is reduced, suitable for use in H2S environments, these field proven lubricators can be used in most intervention applications. NACE compliant stainless tubes Corrosion resistant materials and coatings Up to 70% lighter than conventional lubricators 10,000-psi WP – 3, 41/16, 51/6, 63/6 in.	Prevent the cost and inconvenience of losing wireline tools downhole with an Elmar tool catcher. • Fail safe, spring close, hydraulic open • Combined with compact ball check valve for e-line operations • Single catch collets 1 to 1¾-in. fish neck • Collet change out to suit rope socket • Piranha 1 to 1¾-in. fish neck • Single piece collet for easy assembly • Increased corrosion resistance • MultiCatch 1 to 2 ¾-in. fish neck • Winch operator assistance with the damper and rope socket	As the primary well control device, our Enviro grease injection control head is designed to create a seal around a moving wireline, giving positive protection and allowing intervention access to wells under pressure. • Environmentally friendly minimizing grease spillage • Air line wiper • Single or dual grease injection • Flotubes in sizes 0.001 in. increments • Line sized parts manufactured from aluminium bronze to ensure no wireline damage	Our hydraulic slickline stuffing box is designed to pack-off all sizes of solid wireline with safety and convenience. • Lightweight or QuickLoad™ • 0.108, 0.125, 0.160 in. • 16 and 20-in sheave brackets • Line sized parts manufactured from aluminium bronze to ensure no wireline damage • Engineered packings available to suit various well conditions • Injection points to increase sealing performance • Combined blow out plug	Our slick cable pack-off is designed to seal against a moving smooth-jacketed braided cable under pressure giving positive protection during well service operations. Two independent sealing arrangements Line sized parts manufactured from aluminium bronze to ensure no wireline damage High-pressure lubrication port Line wiper Vent port Lightweight	Our Enviro dual hydraulic pack-off gives positive protection during well service operations. Compact, reliable, and robust, this pack off is designed to wipe clean moving cable under pressure. • Adherence to dual barrier/device philosophy • Single pack off option • Integral lifting shoulder to accept lifting clamp for efficient and safe operations • Line sized parts manufactured from aluminium bronze to ensure no wireline damage
Stud bolts, nuts and gaskets					ejector assembly	₩	and ball check valve		
API 20E mongrammed stud bolts and nut fasteners supplied as standard Quick union crossovers Fast track delivery options Blanking plug and collar									8

