



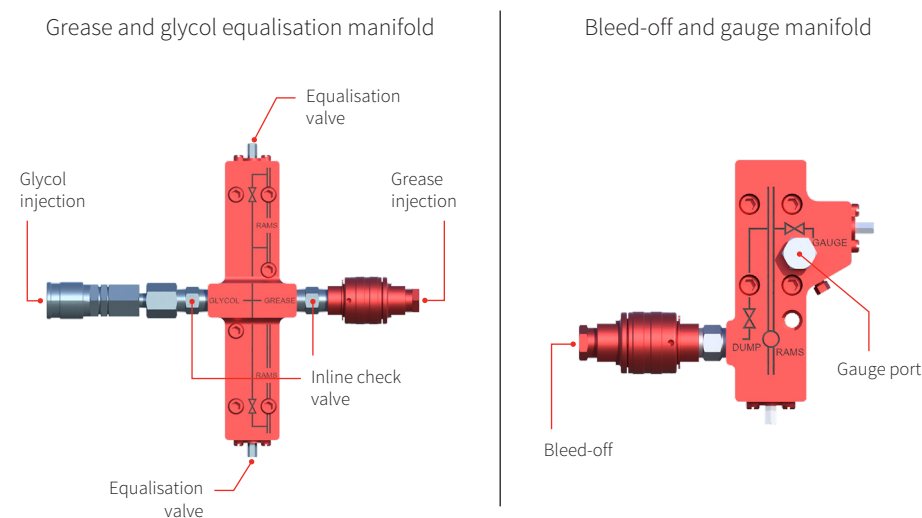
up to
60%
lighter than
previous generation
wireline valves

Elmar Lightweight Wireline Valve

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

The need for lightweight equipment comes into its own when you are looking at ease of handling, are constrained by lifting capacity and space, or simply looking for reduced weights during maintenance. The Elmar™ Lightweight Wireline Valve provides the same operational customer benefits as our Compact valve. In addition, they are up to 60% lighter and with pressure balanced piston design reducing hydraulic volume, allow rapid closure and reduce accumulator requirements. Engineered, manufactured, rigorously tested and supported by third party certification approval in accordance with API standards and NACE.

With over 20 years field experience, this valve complements our lightweight systems in 3-in. and 4½-in. sizes



Features and benefits

- Full material traceability and 3rd party independent approval covering API 6A, API 16A and NACE (for H₂S)
- Lightweight, allowing easier handling with shorter rig-up heights
- Pressure balance hydraulic cylinders to reduce volume and closing times
- Manifold block with integral equalisation, wellhead pressure monitoring, bleed down facility and glycol and grease injection
- Supplied with lightweight quick union connection integral to wireline valve body (4 in.), or with metal to metal seal adapter connection (3 in.)
- Corrosion resistant coating on ram bores and sealing surfaces of wireline valve body
- Keyless ram bores, allowing ram inversion as and when required.
- Ram position indicators
- Quick coupled hydraulic cylinders, allowing fast removal of cylinder for ram or seal replacement
- Cylinder ram pockets assist on assembly and prevent accidental ram drop
- Manual back-up on hydraulic cylinder to positive lock CLOSE
- Manual closure of cylinder in the event of hydraulic failure against full well pressure

Electric Line and Slickline Pressure Control Equipment

Options

Supplied with any industry standard quick unions or flange/hub connections

API 16A certified

High Temperature and geothermal applications

Q-GUIDE™ ram assembly

Ram assembly and inner seal dressed for slickline or braided line specific sizes

Constrictor™ multiline seal removing the need to change out ram elements

- Blind to 5/16 in.
- 5/16 to 15/32 in.
- Blind to 15/32 in.

Q-GUIDE shear and seal ram assembly

Accessories

Test rod for closing on rams to perform a function test at working pressure

Steel protection cages and transport systems

Manifold gauge kit for monitoring well pressure

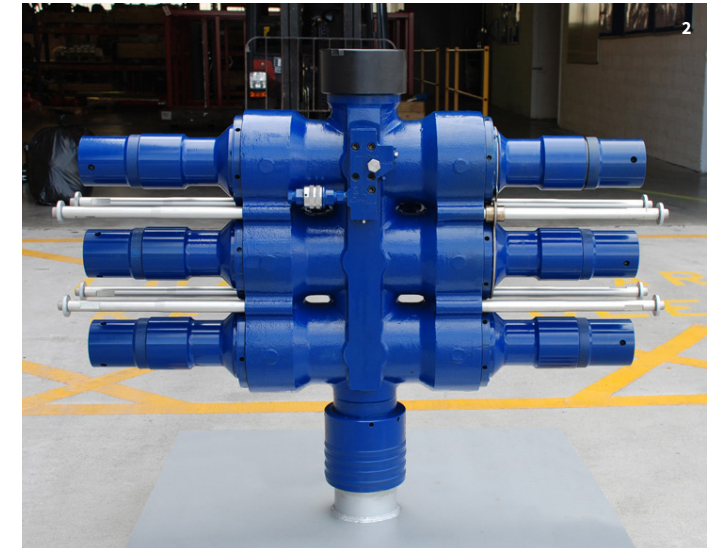
Low pressure drain hose for manifold bleed down

Y-Hose bridles for open and close hydraulic supply

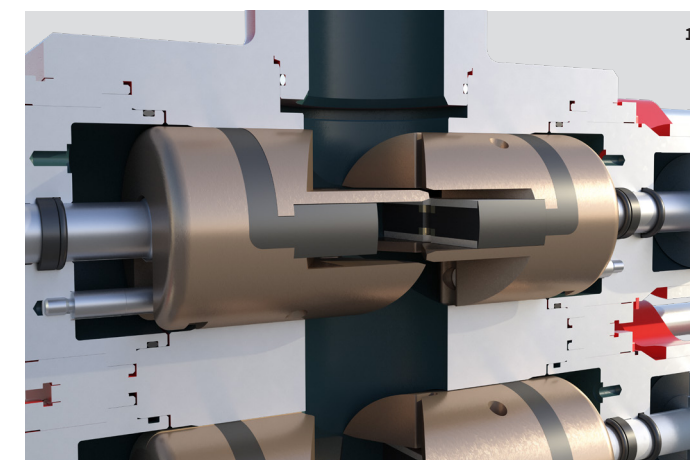
Specialist hand tools for service and maintenance

Seal kit containing a set of o-rings and back-up rings to re-dress one complete assembly

Quick union lift bail



1. Q-GUIDE ram assemblies 2. 10,000-psi 4½-in. triple lightweight WLV
3. 10,000-psi 3-in. single lightweight WLV 4. Lightweight WLV in protective cage



Weights (including Elmar lightweight quick unions)

	Single	Dual	Triple
3 in.	150 lb (68 kg)	251 lb (114 kg)	344 lb (156 kg)
4½ in.	353 lb (160 kg)	595 lb (270 kg)	869 lb (394 kg)