

MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Product Data Sheet (PDS)

Maximator Surface Control Panel



Product Features

- Standard Surface Panels for up to three hydraulic functions
- Maximum operating pressure: 5,000 psi for SSVs and 10,000 psi for SCSSV
- Hydraulic interlocks to ensure correct opening and closing sequences
- Manifold Block design reduces potential leak areas and the quantity of fittings
- Modular design allows simple extension and interchangeability of the control panel from 1 to maximum 3 hydraulic functions.
- High-pressure pumps can be operated both manually and also automatically via compressed air
- Stainless steel frame (316SS) for extreme ambient conditions
- Stand mounted

Technical Details

Control Pressure SSVs	max. 5000 psi (350 bar)
Control Pressure SCSSV	max. 10000 psi (690 bar)
Accumulators (Bladder Type)	max. 2 pcs. 1 L/330 bar and 1 L/690 bar
Enclosure	SS 316 L
Manifold Block, Fittings and Tubings	SS 316 L
ESD Protection	In built, fail safe
Temperature	-32°C to +80°C
Weight	approx. 200 kg
Dimension (W/D/H)	700/500/1780 mm

Application

MAXIMATOR Surface Control Panels allow users to control, in a safe way, all the hydraulic functions installed on the Wellhead/Xmas Tree.

Wellheads are equipped with fail-to-safe safety valves, whose design varies depending on the system. Standard features include a Surface Safety Valve (SSV) and a Surface Controlled Subsurface Safety Valve (SCSSV) for the process control and safety shutdown.

These safety valves are controlled via the Surface Control Panels – and in an emergency, the Emergency Shutdown Panels assume the control function.

Expand functions modularly

The hydraulic functions can be combined for the sequential closing in compact units via the modular Maximator Surface Control Panels. Our innovative series comprising three modules allows control functions to be adapted easily.

A hydraulic manifold block acts as a basic module via which the communication with the Emergency Shutdown Panels (ESD solenoid valve can be added optionally) and the control unit of the SSV is realised. It also has a pressure switch for monitoring the pressure, pressure accumulation and measuring instruments, compressed air and manual operated low-pressure and high-pressure pumps as well as a hydraulic tank.

Additional control systems can be integrated: with a second module for further SSVs and a third module for an SCSSV up to 10,000 psi.

Please consult factory for more information. All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

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