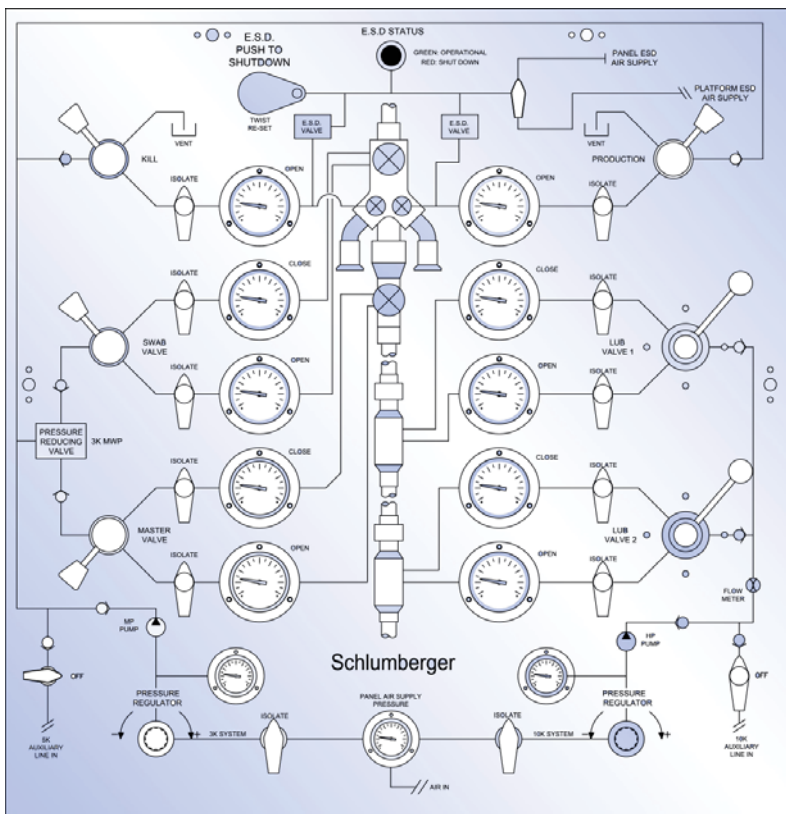


# Flowhead Control Unit



## Design

Ergonomic design providing an easy to use control unit with unrestricted access for maintenance throughout. The unit has hinged doors on all 4 sides fitted with high grade stainless hinges and flush catches. Front viewing doors when closed allow the operator to see system pressures while protecting from unauthorised use.

## Control Panel

The control panel is fully engraved depicting the modes of operation, with the systems being colour coded. The panel is hinged when required the control panel can be opened like a door for maintenance. All well control functions have a secondary isolator valve preventing inadvertent operation.

## ESD

The ESD system can be instigated from a button on the control panel and also by remote pneumatic or electrical ESD signal operating on an I.S solenoid valve, these operate on the Production Open and Kill Open systems.

## Supply Bulkhead

The supply bulkhead manifold has Supply isolator valves, Chart recorder points and Relief valves fitted to all 10 outlets

## Flowmeter Totaliser

A Flowmeter Totaliser provides a running total of fluid pumped to the 10 functions, the roof mounted unit can be flipped up for use when required.

## Reservoir supply

In order to ensure that only clean fluid can enter the system, both reservoirs are filled by a hand pump and short hose. This allows the taking of fluid directly from a barrel via the tank top filter to the reservoir.

## Specification

Certified to: ATEX  
 Frame designed and certified to: BS-12079 & DNV2.7-1  
 Constructed from 316 stainless steel  
 Length: 1000mm  
 Width: 850mm  
 Height: 1650mm  
 Weight: 950kg

## System controls

- MV Open: 3000 psi
- MV Closed: 3000 psi
- Swab Open: 3000 psi
- Swab Close: 3000 psi
- Kill Open: 5000 psi (with ESD function,)
- Production Open: 5000 psi (with ESD function,)
- Lube Valve 1 Open: 10,00 psi
- Lube Valve 1 Close: 10,00 psi
- Lube Valve 2 Open: 10,00 psi
- Lube Valve 2 Close: 10,00 psi
- Auxiliary 5000 psi Supply
- Auxiliary 10,000 psi Supply
- Fluid Return port 3/4" line
- Reservoir 215 litre / 47 imperial gallon capacity
- Two 150:1 ratio double ended air hydro pumps
- Hand pump back-up
- Recommended compressed air requirements 75 cfm, 90-150 psi
- Tank top filter: 20 micron
- Pressure filter: 100 micron

**ASSEMBLY NO CU-W-1025**