

9 Function Pneumatic IWOCS Hydraulic Mini-Panel



This IWOCS hydraulic mini panel features pneumatically driven pumps for both the LP and HP functions. Panel mounted gauges, regulators, ball valves and needle valves provide control and monitoring for all nine functions. The units also feature a hydraulic flow meter on the low pressure supply circuit allowing the accurate measurement of function flow.

There is an accumulator connection port on the panel bulkhead. This can be used to add accumulation to the system. Additional accumulation allows reduced Xmas tree valve response times, as well as the added safety of an accumulated store of hydraulic fluid under pressure should there be a failure in the compressed air supply.

The panel functions can be configured to suit client requirements and are particularly suited to Xmas tree running/testing; subsea running tool operations and SITs, where a full HPU may not be required. A stand-alone ESD system with remote stations can also be added for up to four functions.



Technical details

Low pressure system	3,000 psi max working pressure	High pressure system	10,000 psi max working pressure
Low pressure lines	LP1 - LP7	High pressure lines	HP1 - HP2
Low pressure flow (@3,000 psi)	10 l/min	High pressure flow (@1,000 psi)	1.2 l/min
Low pressure flow totaliser		High pressure connections	JIC 4
Low pressure hot line	Suitable for addition of accumulator bank	Low pressure pump	Haskel GSF60
Low pressure connections	JIC 6	High pressure pump	Haskel AW100
Recirculation filter	3 micron return filter and sample point	Reservoir Capacity	60 litres
Gross weight	500 kg	Dimensions	1,390 x 600 x 1,200 mm