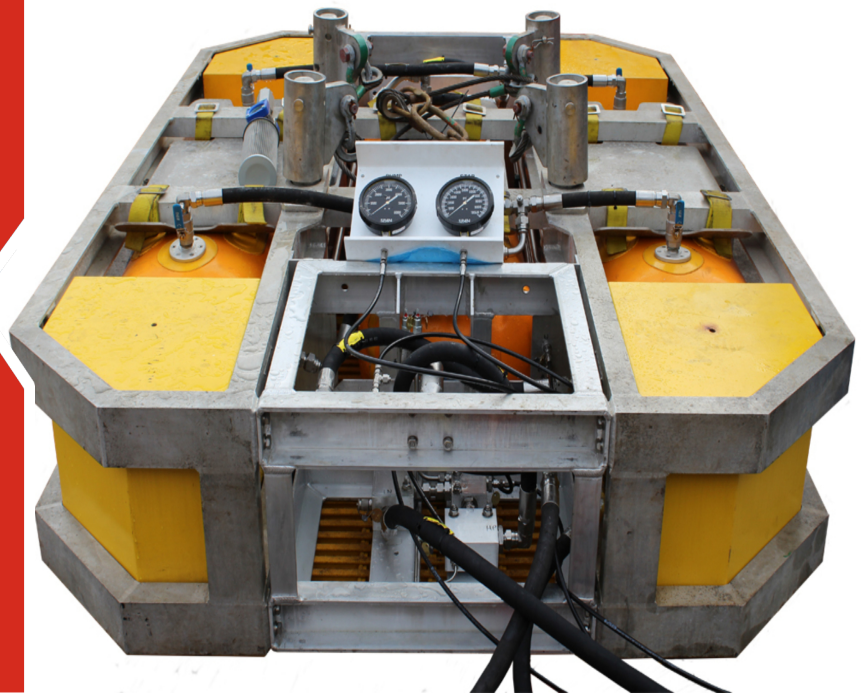


# ISP 5000 fluid skid

## BOP INTERVENTION

Product Number:  
ITE-0027-DR-0010-00



The ISP-5000™ fluid skid is designed to provide subsea control fluid or corrosion inhibitors for BOP intervention, via a hotstab. The skid incorporates a single flow/high pressure pump to give as fast as possible closing speed under actual well conditions. The unit can be remotely switched between three pre-set outlet pressures up to a maximum of 5,000 psi.

Two modular subframes can be removed and easily fitted together to make a surface testing pump. This allows the skid to be maintained without removal from ROV.

- Designed for emergency BOP intervention and routine testing
- High flow approx 50 L/min (13.2 gpm)
- High pressure up to 350 bar (5,075 psi)
- Minimal operator input, plug and play
- Suitable for use with most work-class ROVs
- Minimised interface time (efficient, post and pin securing system to host ROV)
- Lift adaptors can be made to fit any ROV
- Multiple fluid capacities
- Suitable for fluid transfer
- Lightweight aluminium construction
- Can be configured for either manually selected or automatic switching to seawater for emergency BOP closure
- 3 remotely selectable output pressures

<b>Product Number</b>	ITE-0027-DR-0010-00
<b>Materials</b>	Lightweight aluminium (frame)PVC Coated Polyester (fluid bladders)
<b>Reservoir Capacity</b>	Standard capacity 474 L (125 US gal), providing at least 350 L (92 US gal) usableCapacity can be user defined
<b>Fluid Compatibility</b>	Glycol/WaterSeawaterMineral Oils (Optional)Control Fluids
<b>Fluid Output</b>	Flow approx 50 L/min (13.2 US gpm)Pressure up to 350 bar (5,075 psi)Suction Head 3m (9.8ft) maxWater Feed Pressure 0.3 - 10 bar (4.3 - 145 psi)Recommended Hot Stab ID 3/4"-1"
<b>Fill Connections</b>	3/4" Pressure Line c/w 12JIC (can be reduced)
<b>Fluid Filtration</b>	100 Micron
<b>Depth Rating</b>	3,000msw (9,842ft) - can be altered to suit requirements
<b>Hydraulic Power Requirements</b>	Flow 100-115 L/min (29-30 gpm)Operating Pressure 150-210 bar (2,175-3,000 psi)Max Pressure 250 bar (3,600 psi)
<b>Hydraulic Fluid Requirements</b>	Viscosity 10 - 200/optimal 25-35cStTemperature 70°C (158°F) maxFilter Radio (Rec) 25 ?m min
<b>Hydraulic Connection Required</b>	Pressure Line 3/4" QCReturn Line 3/4" QCPilot Lines 1/4"
<b>Weight</b>	Weight in Air 635 kg (1,400 lbs)Weight in Air with Full Reservoir 1,163 kg (2,563 lbs)Weight in Seawater -32.2 kg (-71 lbs)
<b>Deployment</b>	Workclass remotely operated vehicle (WROV)