SUBSEA PUMP UNIT

1100L RESERVOIR 345 BAR PUMP



Description

The Subsea Pump Unit is a standalone pump basket with high fluid volume capacity for injection and flushing applications. The pump is powered by an standard WROV and can either supply mineral based oil, water glycol based fluids and MEG.

The SPU will increase efficiency of fluid injection and flushing performed from e.g. IMR vessels by removing traditional cost-driven deck spread such as HPU, pumps, reel and downline. The basket comes with a 1100 litres flexible tank, hydraulic driven motor-pump unit for 5,000 PSI pressure and a ROV control panel.

Features

- 345 Bar pump system
- Subsea pressure gauges
- Pressure Safety Valve
- ROV control panel
- Hotstab & Receptacle
- Pressure vent valve
- DNV 2.7-1 lifting certified

Optional

- Subsea Data Logger
- Subsea flowmeter
- Subsea pressure sensor
- Subsea display



The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500 post@envirent.no

SPECIFICATIONS SUBSEA PUMP UNIT

General Technical Specifications

Туре		Subsea Pump Unit
Part Number		113989
Dimensions	mm	2414 x 1604 x 1374 (H=2910 incl. lifting bar)
Weight (in air)	kg	~820
Hydraulic		
Max. Input Pressure	Bar	207
Max. Output Pressure	Bar	345
Max. Input Flow	L/min	32
Max. Output Flow	L/min	24
Fluid tank size	Liter	1100
Connection ROV pressure	JIC	#6 (Ø43 3-port stab)
Connection ROV return	JIC	#6 (Ø43 3-port stab)
Connection ROV drain	JIC	#6 (Ø43 3-port stab)
Connection SPU outlet (pressure)	JIC	#6
Connection SPU inlet (return)	JIC	#6
Connection SPU Flush-Fill 1	QC	3/8" Female Snap-Tite Series H QC
Connection SPU Flush-Fill 2	QC	3/8" Female Snap-Tite Series H QC

General Features

Depth rating

MSW 3000





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