

PRESSURE TEST UNIT 800 BAR

ROV INTERVENTION
ISOLATED HYDRAULIC
PUMP SYSTEM



Description

Pressure Test Unit (PTU) is designed to be a compact and highly effective tool for subsea pressure testing from ROV.

The PTU comes with integrated dual action booster pump, Flow Control Valves on inlet supply for tuning- and maximum pump pressure control. PTU can be set up for low pressure test through a separate LP line or high pressure test through the HP line. Each line has a separate Safety Pressure Valves on the pressure outlet line.

Digital sensor and logging software gives live pressure feedback and recording options for pressure test certificate.

Typical Operations

- ▣ Pressure Testing
- ▣ Logging
- ▣ Printing of Test Certificate

Features

- ▣ Dual Acting booster pump 800 Bar
- ▣ Vent to sea/tank line
- ▣ HP and LP circuit
- ▣ Digital Pressure Sensor
- ▣ Print of Pressure Test Certificate
- ▣ Coms RS 232
- ▣ Compact design and low weight

SPECIFICATIONS

PRESSURE TEST UNIT 800 BAR

General Technical Specifications

Type	Pressure Test Unit
Part Number	N/A
Dimensions L x W x H	704 mm x 450 mm x 276 mm
Weight in air	104 kg

Hydraulic

Max Input Pressure	210 Bar
Max Output Pressure	800 Bar
Max Input Flow	140 L/min
Max Output Flow	30 L/min

Connection ROV Pressure	JIC #8
Connection ROV Return	JIC #8
Connection ROV Drain	JIC #6
Connection Output Pressure	JIC #6
Connection Suction	1" BSP

Technical

Depth Rating	MSW 3000
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Communication

Connector	RS232 GLENAIR 5507-1508
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GLENAIR 5507-1508

- 1: 0V
- 2: 24VDC
- 3: CAN-H
- 4: CAN-L
- 5: RS232 Tx
- 6: RS232 Rx
- 7: RS232 Com
- 8: NC

