



Hyperbaric Test Chamber

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Innova provides pressure testing services at pressures up to 460 bar, simulating operating conditions at up to 4600 m of ocean depth. The 1000 l volume pressure vessel allows customers to cost-effectively qualify and proof test equipment in compliance with industry standards.

9 off through hull penetrators are available for hydraulic and electrical connections, enabling simple and efficient set-up and condition monitoring during testing. Hydraulic operated lid and overhead crane enables quick and easy installation. The pressure test system facilitates automated pressure-cycling, data logging and visual monitoring via integrated subsea cameras and lights as required.

Key features

- Up to 460 bar test pressure
- 1000 l internal volume
- Internal dimensions (mm): Ø 800, H 1985
- Automated pressure control and monitoring
- 9 electric / hydraulic penetrators
- Hydraulic operated lid

The hyperbaric pressure test chamber is available for rent on a daily basis, through our facilities in Sandnes, Norway. Pressure tests are performed by qualified personnel, according to applicable standards including API 17D/F and ISO 13628.

The test reports can be provided in the form of graphs and/or logged data.

SPECIFICATIONS

Max pressure:	460 bar
Internal diameter:	800 mm
Internal height:	1985 mm
Pressure medium:	Water
Test temperature:	Between 4°C and 40°C
Overhead crane capacity load:	1500 kg
Max compr. / decompr. rate:	50 bar / minute

INTERFACES

- 9 penetrators for electric and hydraulic connections

FEATURES

- Computer controlled testing
- Internal inspection camera / Live streaming video
- Overhead crane
- Hydraulic operated lid
- Complete and detailed test reports
- Simple to operate

ADDITIONAL OPTIONS

- Custom, in-house made test cables designed for subsea pressure



Hyperbaric Test System