



Left: pressure tank 400 Bar, Right: 32 bar pressure tank.

Hydrostatic pressure facility for pressure testing of large objects in 32 Bar tank or small objects in 400 Bar tank.

Seascope has recently a new (high) pressure testing service for rent. We have developed a large tank (max. 32 bar) and a small tank (max. 400 bar). Objects/devices and cables can be tested in these tanks.

Both pressure tanks have electrical connections that can be used for monitoring or controlling the equipment during pressurization. A standard test procedure takes 2 hours. We have different price setup for extended pressure test time. See below.

Application

- Testing of large objects (32 bar) or small objects (400 bar);
- Live monitoring and control of objects during pressure test; object electrical / data connected to outside tank monitoring.
- Live camera view of object under pressure.
- Tanks are designed so that the loading of the objects is possible with a fork-lift truck;
- Calibration of pressure sensors to standard 20 bar (0.05% FS). Optional higher pressures.

Specifications

- Data and electrical connections;
- Live (video) monitoring and controlling;
- Logging of temperature, time and pressure;
- Top loading of objects with forklift.

Small pressure tank 400 BAR

- Ø 325 mm ID x 610 mm effective working height; or Ø 145 mm ID x 710 mm.
- 400 bar nominal, 600 bar maximum;
- 3 electrical connections.(4 pin, 6 pin, 12 pin)

Large pressure tank 32 BAR

- Ø 750mm ID x 1900mm effective working height;
- 32 bar nominal, 40 bar maximum;
- 6 electrical connections.(4 pin, 6 pin, 12 pin)

Prices

Pressure test<2 hrs.	: € 250,-
Pressure test<4 hrs.	: € 350,-
Pressure test<6 hrs.	: € 450,-
Pressure test<8 hrs.	: € 550,-
Pressure test<24 hrs.	: € 750,-

Prices including: object installation in tank + indicated hrs. under pressure and test certificate. Excluding: live monitoring (camera, data, power), excl. 21% VAT.