

SEACON (europe) LTD TEST FACILITY



SEACON (europe) Ltd Test Facility

DESCRIPTION

With an increase in the demand for customers to utilise our in-house testing facility, the following document compiles a list of testing that we can perform at **SEACON** (europe) Limited which can be utilised by a third party on a daily or part daily basis with full technical assistance as back up if required.

KEY FEATURES

- Hydrostatic pressure tests up to 10,000 psi
- Hydrostatic cycling on all pressure vessels
- Most test regimes catered for
- Competitive hourly or daily rates
- Full quotations available on request
- Full test report writing service

MECHANICAL

- Due to the precision tolerances required to ensure reliable connector operation, **SEACON** (europe) Ltd employs a wide and varied array of mechanical inspection equipment including:-

Brown & Sharp	Microhite 600	2D Digital Height Gauge
Brown & Sharp	Etalon PP300	Shadowgraph/Profile Projector
Mitutoyo	Surftest 211	Digital Surface Finish Gauge

In addition to this a varied selection of Micrometers, Bore Micrometers, Digital Vernier Callipers and Thread Gauges are also available.

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ELECTRICAL/ ELECTRONIC

As a connector manufacturing company the electrical reliability of our connectors is paramount and to ensure this **SEACON** (europe) Ltd operates a large array of multimeters and insulation resistance testers (operating from 50 VDC to 5000 VDC). Also used are high accuracy 4-wire ohmmeters, Oscilloscope, PSU's and an RCL meter operating from 50Hz to 100KHz.

HYDROSTATIC

Most of the pressure testing required by SCE is performed in our own facility located onsite with a total of three pressure vessels.

The first of these operates in the 0-2,000 psi range and operates primarily with either water or oil, however many other fluids can be used (contact us for further details). The vessel contains a pressure envelope of 17 inches diameter by 50 inches deep and has the facility for through lid penetration of most of our standard connectors.



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Our second and third vessels operate at upto 10,000 psi and both have an internal diameter of 4 inches. One unit has a depth of 7 inches while the second has a depth of 36 inches, as with the through lid testing facility as described before.



4" x 36" 10,000psi



4" x 7" 10,000psi

Note we can offer pressure cycling manually or automatically on all pressure vessels.



Automatic pressure cycling unit
complete with chart recorder

In addition to this we have various jigs and fixtures for pressure testing specific assemblies and also helium/nitrogen leak testing.

QUALITY

- SEACON (europe) Ltd operate a Quality Management System accredited to ISO 9001.



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