

# Marine Calibration Kit

## Temperature, Pressure and Load Measurement

- **All in one test case**
- **Meets SOLAS  
ISM regulation**
- **Onboard  
Maintenance**



In January 1998, the International Safety Management (ISM) code was adopted by IMO and became mandatory for certain ocean going vessels.

Since July 1<sup>st</sup> 2002 the SOLAS, Chapter IX, and the ISM code applies to all ships, including mobile offshore drilling units.

With our test case vessels have the necessary calibrated test equipment according to SOLAS (Safety Of Life At Sea).

We are also able to offer a periodic calibration system which helps the vessel to keep certified test equipment at any time.

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# ”All-in-one”

- complete **Test Case** for most purposes -

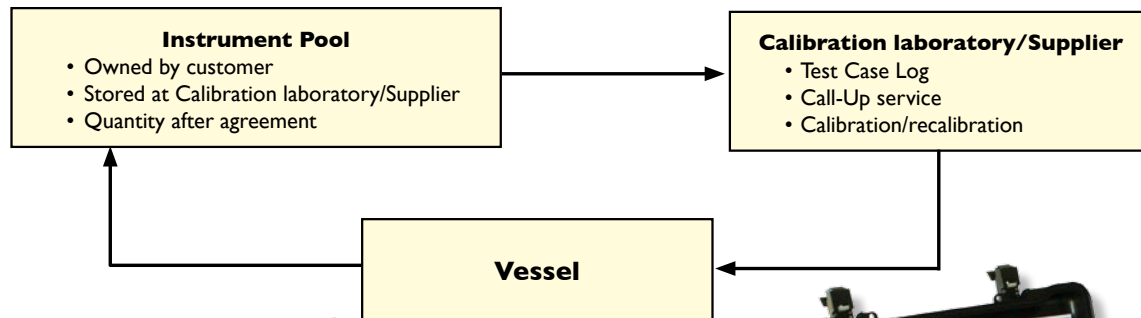
- Main and Auxiliary Engines
- Propulsion
- Main and Auxiliary boilers
- Hydraulic Plant
- Sea water cooling
- Refrigeration Plant
- Fresh Water systems
- Heads and bathrooms
- Ballast and Bilge pumps
- Cargo Holds

## Onboard you need all the help that you can get

We now offer a complete family of tools for maintenance of your control instrumentation. A vessel is often like a process plant, you never know what's going to go wrong. Or worse yet, where. When you're not sure what the problem is, our range of test equipment are the best help you can get in troubleshooting and calibration.



## Easy system – helps you to meet SOLAS requirements



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# Flexible System

The “All-in-one” marine calibration test case will meet any application for temperature-, pressure- and electrical calibration onboard Equip the case according to your needs and budget, and have necessary calibrated test equipment required by IMO/SOLAS ready when needed!

## Certificates

All calibrators and test-instruments are supplied with traceable certificates. The marine test case is approved by DNV Class.



## Temperature Calibrators

Select either the low temperature. (-40°C below ambient to 150°C) or the high temperature (30°C to 650°C) unit for your vessel.



## Pressure Calibrators

Compact, rugged and easy to use. Pressure ranges from vacuum to high pressure (1000 Bar) with different levels of accuracy (0,25% to 0,03%FS) available. We also offer Intrinsically Safe (Ex) models for LNG/LPG vessels.



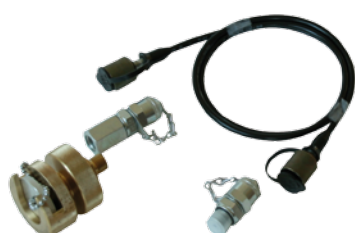
## Electrical Calibrators and test instruments

Digital multimeters, current clamps, insulation testers, infrared (IR) thermometers and signal simulators are among the most common instruments used.



## Pressure pumps, test hose and adapters

Three different models are available to cover the range of vacuum to 1000 Bar. The case is equipped with test hose, connectors and adapters (BSP and NPT) according to the selected pressure range.



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# Load Calibration Kit

Portable Load Weighing (PLW) Kit, the smart solution for accurate weighing and load measurements. Compact and rugged construction, Ex ia intrinsically safe system. Range from 3 to 120 Ton. The PLW Kit is supplied with traceable certificate so it can be used as a reference for verification or test of lifting equipment and deck machinery.



Note: Due to continuous product improvements, published specifications may change without notice.

**Scan-Sense AS** is a Norwegian company specialising in design and manufacturing of high quality sensors/instrumentation and related software for measurement of temperature, pressure, load and force.

**Scan-Sense AS** supplies portable temperature calibrators from  $-40^{\circ}\text{C}$  to  $1200^{\circ}\text{C}$  and a range of EEx/IS approved portable pressure calibrators from vacuum to 1200 Bar.

Distributed by:

[www.scansense.no](http://www.scansense.no)

Manufactured by: **Scan-Sense AS**, Bekkeveien 163, 3173 Vear, NORWAY  
Phone: +47 33 36 30 00, Fax: +47 33 36 30 01, E-mail: [post@scansense.no](mailto:post@scansense.no)